

Converting Colors

XYZ(71.0187, 75.4522, 84.3661)

Have a look what the booklet for
XYZ(71.0187, 75.4522, 84.3661)
contains.

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Color

**XYZ(71.0187, 75.3663,
84.2029)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE2E4
RGB	221, 226, 228
RGB Percent	87%, 89%, 89%
CMY	0.1333, 0.1137, 0.1059
CMYK	0.03, 0.01, 0.00, 0.11
HSL	197°, 11%, 88%
HSV	197°, 3%, 89%
XYZ	71.0187, 75.3663, 84.2029
YIQ	224.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

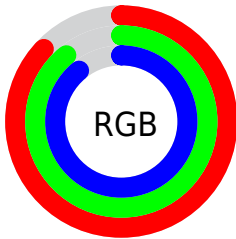
Format	Color
R _Y B	221, 224, 228
Decimal	14541540
CIE Lab	89.56, -1.31, -1.57
CIE LCh	90, 2.042, 230.258
Yxy	75.3663, 0.3080, 0.3268
Android (android.graphics.Color)	4292731620 (0xFFDDE2E4)
YUV	224.7330, 1.6106, -3.2738
Hunter-Lab	86.8138, -5.9007, 3.2627

Details

The XYZ color **71.0187, 75.3663, 84.2029** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.4338, 74.4889, 79.0204**, and the grayscale version is **71.3688, 75.0855, 81.7682**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8316, 40.2499, 45.3102** is the 20% darker color. If you saturate the color by 10%, you get **62.8086, 68.5607, 83.3231**, and if you desaturate by 10%, it is **80.2429, 82.7985, 85.1524**.

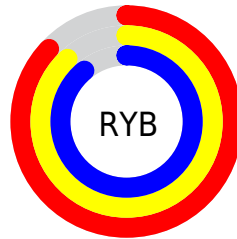
Distribution



Red (87%)

Green (89%)

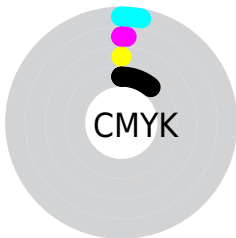
Blue (89%)



Red (87%)

Yellow (88%)

Blue (89%)

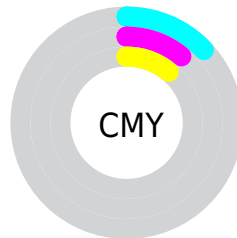


Cyan (3%)

Magenta (1%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0187, 75.3663, 84.2029 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 71.0187, 75.3663, 84.2029 by changing the saturation by 10% instead.

■ 71.0187, 75.3663,
84.2029

■ 71.0187, 75.3663,
84.2029

453.3296,
479.1756, 529.0624

■ 52.6400, 55.9130,
62.6366

119.6787,
126.8307, 141.1232

■ 37.7418, 40.1332,
45.1082

150.6908,
159.6107, 177.3143

■ 25.9587, 27.6424,
31.1991

186.6447,
197.6017, 219.2175

■ 16.9252, 18.0563,
20.4908

227.9059,
241.1881, 267.2512

■ 10.2762, 10.9904,
12.5647

274.8396,
290.7543, 321.8340

■ 5.6461, 6.0604,
7.0023

327.8112,

■ 2.6697, 2.8818,

346.6847, 383.3844

3.3851

387.1861,
409.3637, 452.3211

■ 0.9816, 1.0704,
1.2945

■ 0.0000, 0.0000,
0.0572

■ 71.0187, 75.3663,
84.2029

■ 71.0187, 75.3663,
84.2029

■ 62.8086, 68.5607,
83.3231

■ 80.2429, 82.7985,
85.1524

■ 55.5677, 62.3511,
82.5062

■ 86.1131, 88.6001,
85.9629

■ 49.2571, 56.7184,
81.7516

■ 88.0512, 92.4763,
86.6089

■ 43.8328, 51.6388,
81.0570

■ 90.0585, 96.4909,
87.2780

■ 39.2469, 47.0865,
80.4201

■ 91.0038, 98.3815,
87.5931

■ 35.4467, 43.0332,
79.8380

■ 32.3735, 39.4474,
79.3078

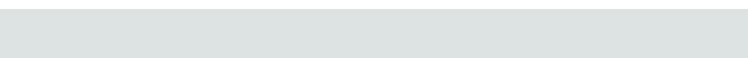
■ 29.9593, 36.2928,
78.8262

■ 28.1221, 33.5260,
78.3890

Harmonies

Analogous

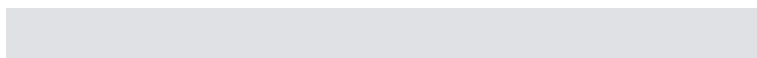
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.7326, 75.3663, 83.0210



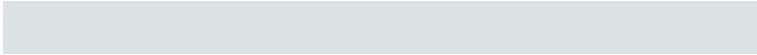
71.0187, 75.3663, 84.2029



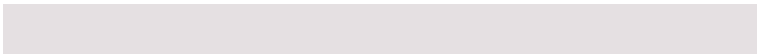
71.4704, 75.3663, 84.8130

Triad

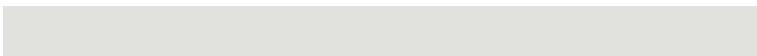
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.0187, 75.3663, 84.2029



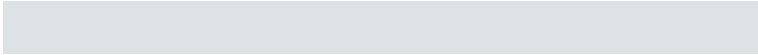
72.5880, 75.3663, 82.5293



71.3001, 75.3663, 79.4975

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71.0187, 75.3663, 84.2029



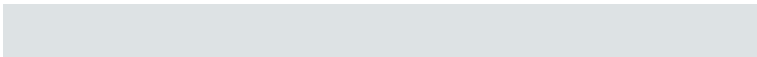
71.4338, 74.4889, 79.0204

Split Complementary

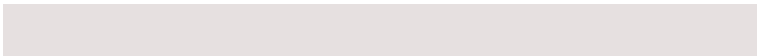
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.7967, 75.3663, 79.3693



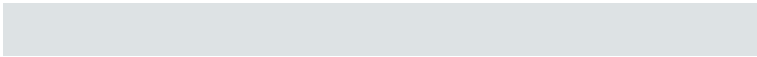
71.0187, 75.3663, 84.2029



72.5418, 75.3663, 81.1086

Square

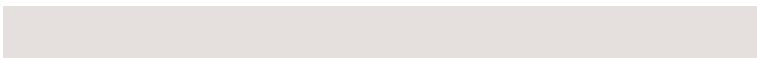
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.0187, 75.3663, 84.2029



72.3774, 75.3663, 83.8393



72.2517, 75.3663, 79.9559



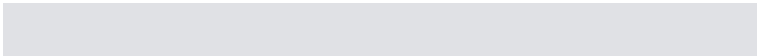
70.8945, 75.3663, 80.3082

Rectangle

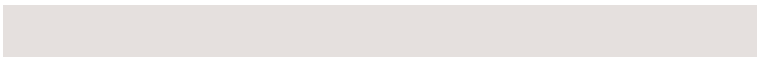
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.0187, 75.3663, 84.2029



71.8053, 75.3663, 84.8086



72.2517, 75.3663, 79.9559



71.4618, 75.3663, 79.3736

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71.0208, 75.3695, 84.2046



93.8865, 99.0565, 108.7792



70.8803, 76.1870, 80.7711



20.1078, 21.2121, 23.2845



0.0000, 0.0000, 0.0000



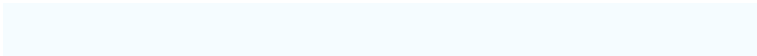
20.3446, 21.4041, 23.3091

Same Dimension

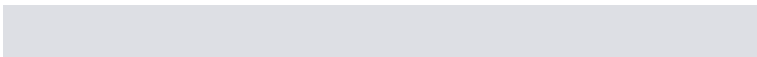
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0208, 75.3695, 84.2046



90.4755, 96.2746, 108.4220



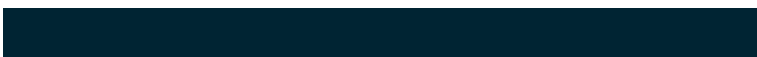
70.0822, 73.4921, 83.8917



15.3062, 16.3197, 18.4876



15.7528, 18.5676, 45.1368



1.2423, 1.5285, 3.3615

Inverse Universe

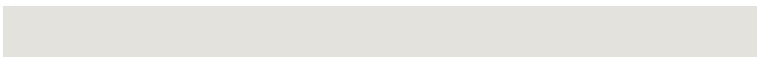
The Inverse Universe completely reimagines the original color for something new.



71.5805, 73.6992, 82.4080



91.4171, 93.4779, 105.3961



72.3752, 76.3716, 79.3342



15.4944, 15.7627, 17.8823



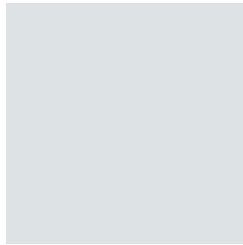
22.3448, 11.0721, 21.2423



1.6907, 0.8340, 1.7777

Previews

White Background



This preview shows how the XYZ color 71.0187, 75.3663, 84.2029 looks on a white background.

Color Contrast Check

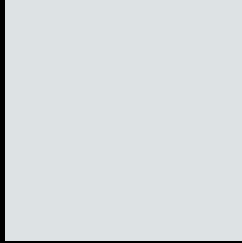
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 71.0187, 75.3663, 84.2029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

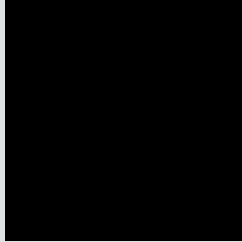
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

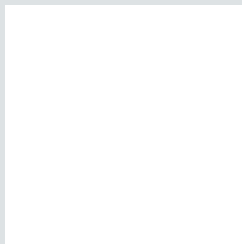
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.0187, 75.3663, 84.2029

Background



This preview shows how black text looks on a background with the XYZ color 71.0187, 75.3663, 84.2029.

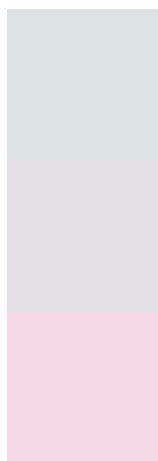


This preview shows how white text looks on a background with the XYZ color 71.0187, 75.3663,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

71.0187, 75.3663, 84.2029

Protanopia

72.5157, 75.3513, 83.3953

Deuteranopia

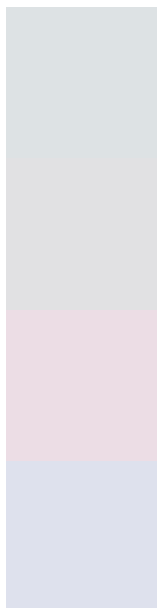
77.0105, 75.2685, 85.3323



Tritanopia

73.1141, 75.4101, 94.7065

Trichromacy



Original Color

71.0187, 75.3663, 84.2029

Protanomaly

71.8417, 75.4040, 83.4410

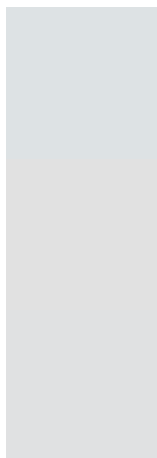
Deuteranomaly

74.5914, 75.2029, 84.7130

Tritanomaly

72.3355, 75.4944, 90.8802

Monochromacy



Original Color

71.0187, 75.3663, 84.2029

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.3932, 75.1887, 82.7016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0187, 75.3663, 84.2029 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(221, 226, 228) looks like.

```
.text, #text, p{  
    color:rgb(221, 226, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(221, 226, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 226, 228) }
```

Border

The CSS property to change the border of an element to XYZ 71.0187, 75.3663, 84.2029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 226, 228) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(221, 226, 228) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(221, 226, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 226, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 226, 228);  
box-shadow:4px 4px 4px 4px rgb(221, 226,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0187, 75.3663, 84.2029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 226, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(221,  
226, 228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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