

Converting Colors

XYZ(70.8887, 75.3999, 84.8474)

Have a look what the booklet for
XYZ(70.8887, 75.3999, 84.8474)
contains.

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Color

**XYZ(70.8544, 75.2655,
84.9220)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE2E5
RGB	220, 226, 229
RGB Percent	86%, 89%, 90%
CMY	0.1372, 0.1137, 0.1020
CMYK	0.04, 0.01, 0.00, 0.10
HSL	200°, 15%, 88%
HSV	200°, 4%, 90%
XYZ	70.8544, 75.2655, 84.9220
YIQ	224.5480, -4.5390, -0.3390

Conversions

Conversions Part 2

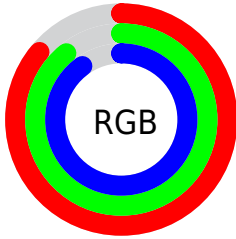
Format	Color
R _Y B	220, 224, 229
Decimal	14476005
CIE Lab	89.52, -1.45, -2.17
CIE LCh	90, 2.613, 236.230
Yxy	75.2655, 0.3067, 0.3258
Android (android.graphics.Color)	4292666085 (0xFFDCE2E5)
YUV	224.5480, 2.1948, -3.9886
Hunter-Lab	86.7557, -6.0394, 2.6922

Details

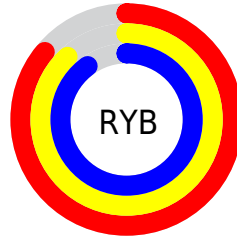
The XYZ color **70.8544, 75.2655, 84.9220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6192, 74.5999, 78.3357**, and the grayscale version is **71.2326, 74.9422, 81.6121**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7199, 40.1811, 45.8121** is the 20% darker color. If you saturate the color by 10%, you get **62.3660, 67.8820, 83.9454**, and if you desaturate by 10%, it is **80.3887, 83.3292, 85.9771**.

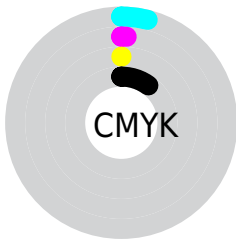
Distribution



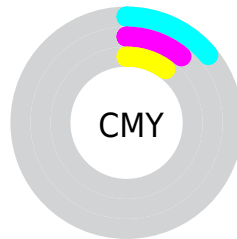
- Red (86%)
- Green (89%)
- Blue (90%)



- Red (86%)
- Yellow (88%)
- Blue (90%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (14%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8544, 75.2655, 84.9220 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 70.8544, 75.2655, 84.9220 by changing the saturation by 10% instead.

■ 70.8544, 75.2655,
84.9220

■ 70.8544, 75.2655,
84.9220

452.7641,
478.8296, 531.5078

■ 52.5055, 55.8304,
63.2272

119.4460,
126.6881, 142.1374

■ 37.6340, 40.0670,
45.5828

150.4195,
159.4444, 178.4950

■ 25.8747, 27.5908,
31.5705

186.3318,
197.4100, 220.5773

■ 16.8621, 18.0174,
20.7715

227.5483,
240.9691, 268.8028

■ 10.2309, 10.9625,
12.7675

274.4345,
290.5063, 323.5901

■ 5.6158, 6.0416,
7.1398

327.3556,

■ 2.6513, 2.8704,

346.4058, 385.3576

3.4699

386.6770,
409.0521, 454.5240

■ 0.9722, 1.0645,
1.3393

■ 0.0000, 0.0000,
0.0937

■ 70.8544, 75.2655,
84.9220

■ 70.8544, 75.2655,
84.9220

■ 62.3660, 67.8820,
83.9454

■ 80.3887, 83.3292,
85.9771

■ 54.8775, 61.1471,
83.0401

■ 86.9134, 89.9778,
86.9165

■ 48.3490, 55.0403,
82.2055

■ 89.2208, 94.5927,
87.6857

■ 42.7350, 49.5365,
81.4390

■ 91.1431, 98.4372,
88.3264

■ 37.9865, 44.6084,
80.7381

■ 34.0493, 40.2263,
80.0997

■ 30.8627, 36.3569,
79.5208

■ 28.3564, 32.9620,
78.9976

■ 26.4456, 29.9958,
78.5258

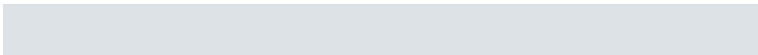
Harmonies

Analogous

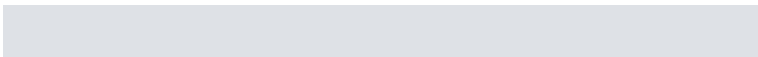
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.4372, 75.2655, 83.5220



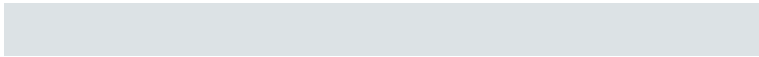
70.8544, 75.2655, 84.9220



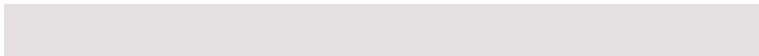
71.4566, 75.2655, 85.5257

Triad

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



70.8544, 75.2655, 84.9220



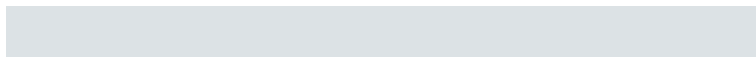
72.7750, 75.2655, 82.1837



70.9940, 75.2655, 78.8243

Complementary

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



70.8544, 75.2655, 84.9220



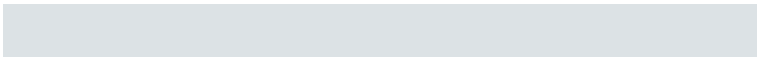
71.6192, 74.5999, 78.3357

Split Complementary

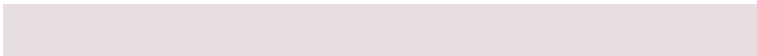
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.6187, 75.2655, 78.4779



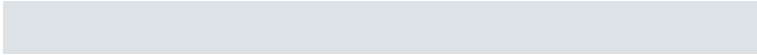
70.8544, 75.2655, 84.9220



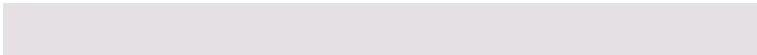
72.6494, 75.2655, 80.4005

Square

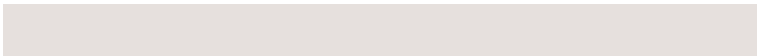
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.8544, 75.2655, 84.9220



72.5675, 75.2655, 83.9299



72.2252, 75.2655, 79.0508



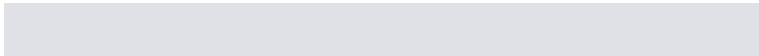
70.5175, 75.2655, 80.0041

Rectangle

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



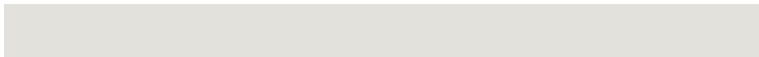
70.8544, 75.2655, 84.9220



71.8828, 75.2655, 85.3889



72.2252, 75.2655, 79.0508



71.1935, 75.2655, 78.6073

Sweetspot

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



70.8566, 75.2687, 84.9237



93.8478, 98.9791, 108.7663



70.8347, 76.5751, 80.7543



20.1000, 21.1964, 23.2819



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

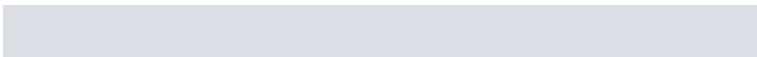
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.8566, 75.2687, 84.9237



89.1746, 94.9830, 108.2413



69.6876, 72.9308, 84.5340



15.0929, 16.1014, 18.4567



14.6918, 16.4456, 44.7832



1.1702, 1.3843, 3.3375

Inverse Universe

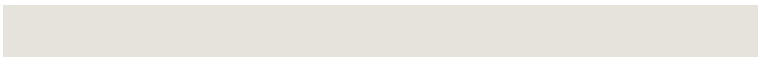
The Inverse Universe completely reimagines the original color for something new.



71.6354, 73.3368, 82.3351



90.4406, 91.8628, 104.0292



72.7974, 76.9564, 78.7285



15.3359, 15.5047, 17.6476



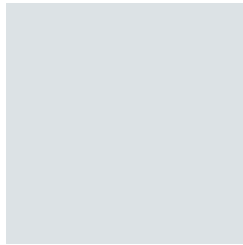
21.8092, 10.8579, 18.4222



1.6543, 0.8194, 1.5859

Previews

White Background



This preview shows how the XYZ color 70.8544, 75.2655, 84.9220 looks on a white background.

Color Contrast Check

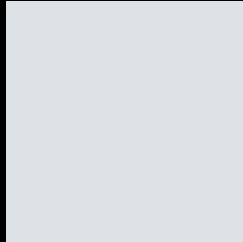
Large Text (above 18pt) WCAG AA × Fail

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 70.8544, 75.2655, 84.9220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

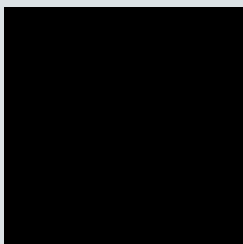
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

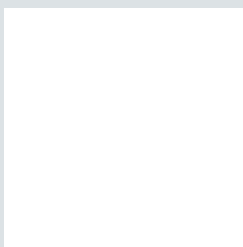
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.8544, 75.2655, 84.9220

Background



This preview shows how black text looks on a background with the XYZ color 70.8544, 75.2655, 84.9220.



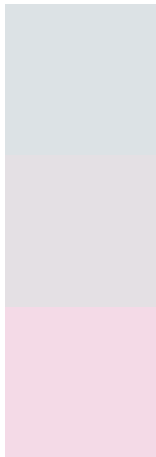
This preview shows how white text looks on a background with the XYZ color 70.8544, 75.2655,

84.9220.

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

70.8544, 75.2655, 84.9220

Protanopia

72.6542, 75.4067, 84.1245

Deuteranopia

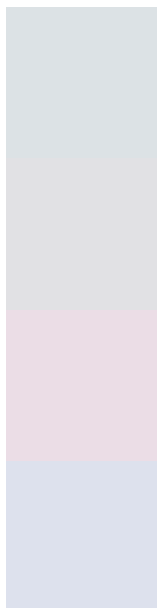
76.8034, 75.1454, 86.0578



Tritanopia

72.8069, 75.2517, 94.6921

Trichromacy



Original Color

70.8544, 75.2655, 84.9220

Protanomaly

71.9801, 75.4594, 84.1702

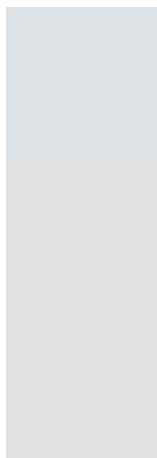
Deuteranomaly

74.4003, 75.0882, 85.4351

Tritanomaly

72.0301, 75.3370, 90.8659

Monochromacy



Original Color

70.8544, 75.2655, 84.9220

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.0841, 75.0294, 82.6871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8544, 75.2655, 84.9220 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(220, 226, 229) looks like.

```
.text, #text, p{  
    color:rgb(220, 226, 229)  
}
```

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(220, 226, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 226, 229) }
```

Border

The CSS property to change the border of an element to XYZ 70.8544, 75.2655, 84.9220 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(220, 226, 229) }
```


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

```
.border{ border-color:rgb(220, 226, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 226, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 226, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 226, 229);  
box-shadow:4px 4px 4px 4px rgb(220, 226,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8544, 75.2655, 84.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 226, 229) }
```

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

```
.background{ background-color: rgb(220,  
226, 229) }
```

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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