

Converting Colors

XYZ(71.1508, 75.2225, 83.4062)

Have a look what the booklet for
XYZ(71.1508, 75.2225, 83.4062)
contains.

XYZ(70.9145, 74.9261, 83.3976)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.9145, 74.9261,
83.3976)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE1E3
RGB	222, 225, 227
RGB Percent	87%, 88%, 89%
CMY	0.1294, 0.1176, 0.1098
CMYK	0.02, 0.01, 0.00, 0.11
HSL	204°, 8%, 88%
HSV	204°, 2%, 89%
XYZ	70.9145, 74.9261, 83.3976
YIQ	224.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

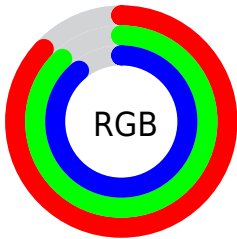
Format	Color
R_{YB}	222, 224, 227
Decimal	14606819
CIE Lab	89.36, -0.64, -1.34
CIE LCh	89, 1.483, 244.446
Yxy	74.9261, 0.3093, 0.3268
Android (android.graphics.Color)	4292796899 (0xFFDEE1E3)
YUV	224.3310, 1.3158, -2.0443
Hunter-Lab	86.5599, -5.2430, 3.4679

Details

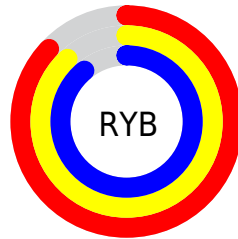
The XYZ color **70.9145, 74.9261, 83.3976** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.5190, 74.9151, 79.7988**, and the grayscale version is **71.0822, 74.7840, 81.4398**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7575, 39.9435, 44.7496** is the 20% darker color. If you saturate the color by 10%, you get **62.0399, 66.8122, 82.3003**, and if you desaturate by 10%, it is **80.8595, 83.7890, 84.5853**.

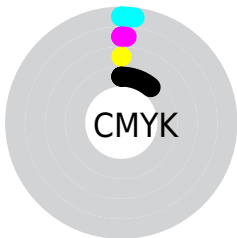
Distribution



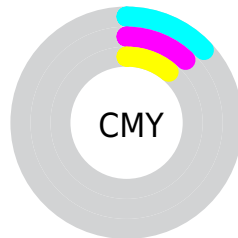
- Red (87%)
- Green (88%)
- Blue (89%)



- Red (87%)
- Yellow (88%)
- Blue (89%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9145, 74.9261, 83.3976 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 70.9145, 74.9261, 83.3976 by changing the saturation by 10% instead.

■ 70.9145, 74.9261,
83.3976

■ 70.9145, 74.9261,
83.3976

452.9710,
477.6635, 526.3163

■ 52.5547, 55.5524,
61.9757

119.5312,
126.2077, 139.9864

■ 37.6735, 39.8441,
44.5774

150.5187,
158.8844, 175.9904

■ 25.9054, 27.4170,
30.7842

186.4463,
196.7642, 217.6921

■ 16.8852, 17.8867,
20.1775

227.6791,
240.2315, 265.5102

■ 10.2475, 10.8687,
12.3388

274.5827,
289.6707, 319.8631

■ 5.6269, 5.9786,
6.8495

327.5223,

■ 2.6580, 2.8321,

345.4662, 381.1694

3.2911

386.8633,
408.0023, 449.8476

■ 0.9756, 1.0447,
1.2451

■ 0.0000, 0.0000,
0.0162

■ 70.9145, 74.9261,
83.3976

■ 70.9145, 74.9261,
83.3976

■ 62.0399, 66.8122,
82.3003

■ 80.8595, 83.7890,
84.5853

■ 54.1901, 59.4146,
81.2862

■ 87.1947, 90.9849,
85.6403

■ 47.3257, 52.7120,
80.3543

■ 89.9759, 96.5473,
86.5674

■ 41.4019, 46.6783,
79.5018

■ 90.8653, 98.3261,
86.8639

■ 36.3705, 41.2853,
78.7261

■ 32.1784, 36.5025,
78.0238

■ 28.7665, 32.2960,
77.3917

■ 26.0671, 28.6274,
76.8259

■ 23.9989, 25.4512,
76.3218

Harmonies

Analogous

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



70.6412, 74.9261, 82.7171



70.9145, 74.9261, 83.3976



71.2691, 74.9261, 83.5900

Triad

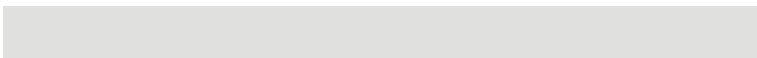
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.9145, 74.9261, 83.3976



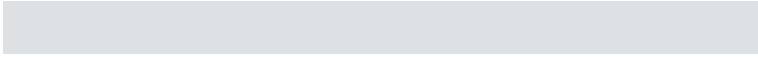
71.9128, 74.9261, 81.4270



70.8211, 74.9261, 79.9452

Complementary

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



70.9145, 74.9261, 83.3976



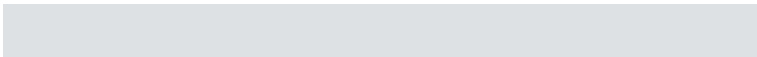
71.5190, 74.9151, 79.7988

Split Complementary

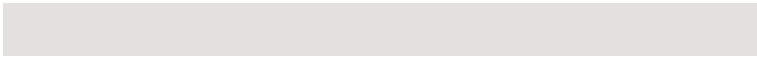
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.1609, 74.9261, 79.6060



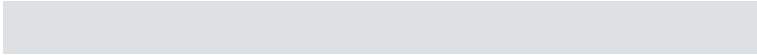
70.9145, 74.9261, 83.3976



71.7919, 74.9261, 80.4569

Square

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



70.9145, 74.9261, 83.3976



71.8462, 74.9261, 82.4467



71.5164, 74.9261, 79.7925



70.5875, 74.9261, 80.7230

Rectangle

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



70.9145, 74.9261, 83.3976



71.5041, 74.9261, 83.4142



71.5164, 74.9261, 79.7925



70.9267, 74.9261, 79.7764

Sweetspot

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



70.9166, 74.9293, 83.3992



93.7942, 98.8718, 108.7484



71.0376, 75.8462, 81.3585



20.0891, 21.1745, 23.2782



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

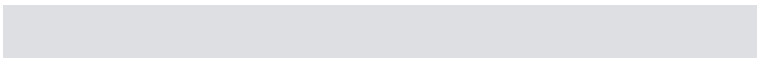
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.9166, 74.9293, 83.3992



91.3248, 96.6448, 108.4487



70.2668, 73.6296, 83.1826



15.4264, 16.3492, 18.4870



13.3691, 13.8003, 44.3423



1.0782, 1.2003, 3.3068

Inverse Universe

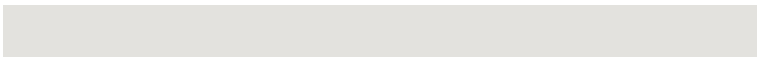
The Inverse Universe completely reimagines the original color for something new.



71.3920, 74.0110, 81.7608



92.1700, 95.0207, 105.5336



72.1742, 76.2256, 80.0172



15.6066, 16.0047, 17.8651



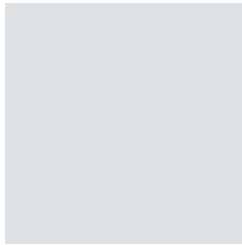
21.1416, 10.5909, 14.9066



1.6078, 0.8009, 1.3415

Previews

White Background



This preview shows how the XYZ color 70.9145, 74.9261, 83.3976 looks on a white background.

Color Contrast Check

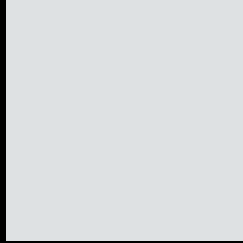
Large Text (above 18pt) WCAG AA × Fail

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 70.9145, 74.9261, 83.3976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

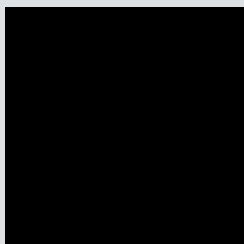
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

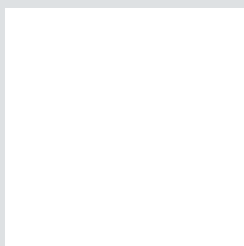
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.9145, 74.9261, 83.3976

Background



This preview shows how black text looks on a background with the XYZ color 70.9145, 74.9261, 83.3976.

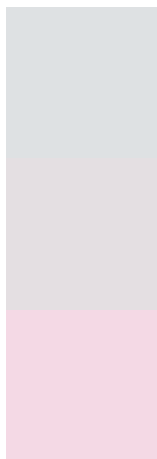


This preview shows how white text looks on a background with the XYZ color 70.9145, 74.9261,

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

70.9145, 74.9261, 83.3976

Protanopia

72.1101, 74.7603, 82.5811

Deuteranopia

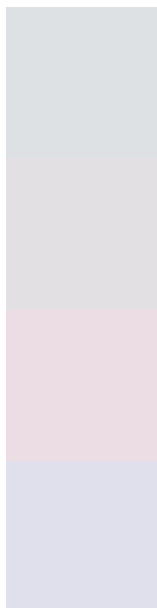
76.2639, 74.5159, 84.4922



Tritanopia

73.0053, 74.9735, 93.8426

Trichromacy



Original Color

70.9145, 74.9261, 83.3976

Protanomaly

71.7472, 74.9710, 82.6409

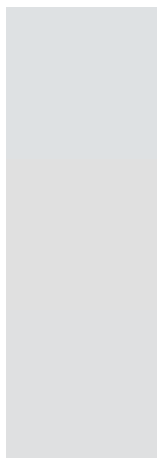
Deuteranomaly

74.1889, 74.6207, 83.8919

Tritanomaly

72.2274, 75.0554, 90.0372

Monochromacy



Original Color

70.9145, 74.9261, 83.3976

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.6777, 74.4355, 81.8765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9145, 74.9261, 83.3976 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(222, 225, 227) looks like.

```
.text, #text, p{  
    color:rgb(222, 225, 227)  
}
```

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(222, 225, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 225, 227) }
```

Border

The CSS property to change the border of an element to XYZ 70.9145, 74.9261, 83.3976 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(222, 225, 227) }
```


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

```
.border{ border-color:rgb(222, 225, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 225, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 225, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 225, 227); box-shadow:4px 4px 4px 4px rgb(222, 225, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9145, 74.9261, 83.3976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 225, 227) }
```

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

```
.background{ background-color: rgb(222,  
225, 227) }
```

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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