

Converting Colors

XYZ(67.7005, 71.4795, 80.2621)

Have a look what the booklet for
XYZ(67.7005, 71.4795, 80.2621)
contains.

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Color

**XYZ(67.5278, 71.2658,
80.0086)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DCDF
RGB	217, 220, 223
RGB Percent	85%, 86%, 87%
CMY	0.1490, 0.1372, 0.1255
CMYK	0.03, 0.01, 0.00, 0.13
HSL	210°, 9%, 86%
HSV	210°, 3%, 87%
XYZ	67.5278, 71.2658, 80.0086
YIQ	219.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

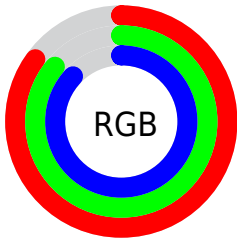
Format	Color
R_{YB}	217, 219, 223
Decimal	14277855
CIE _{Lab}	87.61, -0.46, -1.83
CIE _{LCh}	88, 1.889, 255.964
Yxy	71.2658, 0.3086, 0.3257
Android (android.graphics.Color)	4292467935 (0xFFD9DCDF)
YUV	219.4450, 1.7526, -2.1443
Hunter-Lab	84.4191, -4.9492, 2.9010

Details

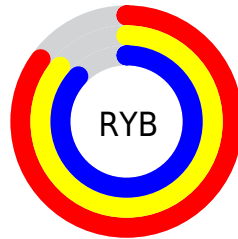
The XYZ color **67.5278, 71.2658, 80.0086** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5493, 71.8836, 75.9089**, and the grayscale version is **67.6323, 71.1544, 77.4872**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4233, 37.4188, 42.4013** is the 20% darker color. If you saturate the color by 10%, you get **58.5161, 62.4261, 78.7784**, and if you desaturate by 10%, it is **77.6340, 80.9628, 81.3487**.

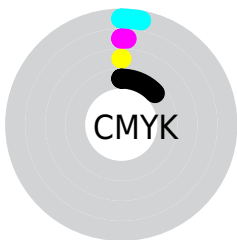
Distribution



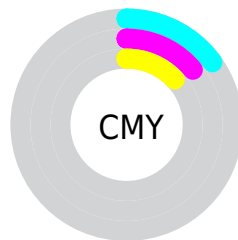
- Red (85%)
- Green (86%)
- Blue (87%)



- Red (85%)
- Yellow (86%)
- Blue (87%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5278, 71.2658, 80.0086 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 67.5278, 71.2658, 80.0086 by changing the saturation by 10% instead.

■ 67.5278, 71.2658,
80.0086

■ 67.5278, 71.2658,
80.0086

441.2242,
464.9821, 514.6693

■ 49.7859, 52.5591,
59.1992

114.7220,
121.0121, 135.1893

■ 35.4604, 37.4509,
42.3524

144.9051,
152.8206, 170.3978

■ 24.1860, 25.5568,
29.0497

179.9659,
189.7651, 211.2430

■ 15.5971, 16.4924,
18.8725

220.2699,
232.2300, 258.1435

■ 9.3285, 9.8733,
11.4023

266.1823,
280.5998, 311.5178

■ 5.0149, 5.3150,
6.2206

318.0686,

■ 2.2909, 2.4332,

335.2588, 371.7846

2.9087

376.2941,
396.5914, 439.3622

■ 0.7900, 0.8429,
1.0482

■ 0.0000, 0.0000,
0.0000

■ 67.5278, 71.2658,
80.0086

■ 67.5278, 71.2658,
80.0086

■ 58.5161, 62.4261,
78.7784

■ 77.6340, 80.9628,
81.3487

■ 50.5534, 54.4088,
77.6506

■ 86.3951, 90.2589,
82.6813

■ 43.5998, 47.1894,
76.6236

■ 89.8168, 97.1024,
83.8219

■ 37.6104, 40.7389,
75.6942

■ 90.3195, 98.1078,
83.9895

■ 32.5366, 35.0261,
74.8590

■ 28.3252, 30.0173,
74.1141

■ 24.9171, 25.6753,
73.4557

■ 22.2447, 21.9584,
72.8791

■ 20.2268, 18.8176,
72.3792

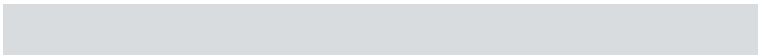
Harmonies

Analogous

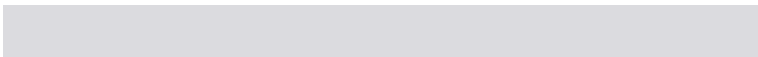
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.1404, 71.2658, 79.3792



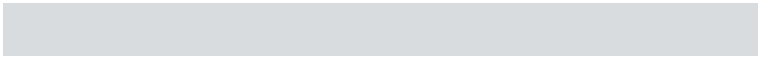
67.5278, 71.2658, 80.0086



67.9726, 71.2658, 79.9867

Triad

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



67.5278, 71.2658, 80.0086



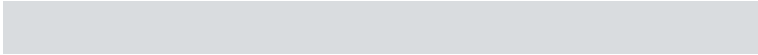
68.5656, 71.2658, 76.9214



67.1201, 71.2658, 75.8981

Complementary

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



67.5278, 71.2658, 80.0086



68.5493, 71.8836, 75.9089

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.



67.4999, 71.2658, 75.2541



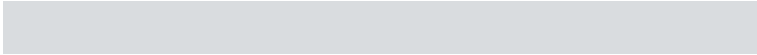
67.5278, 71.2658, 80.0086



68.3351, 71.2658, 75.8404

Square

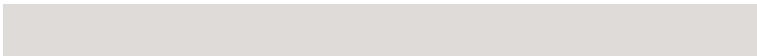
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.5278, 71.2658, 80.0086



68.5731, 71.2658, 78.1948



67.9446, 71.2658, 75.2331



66.9057, 71.2658, 77.0010

Rectangle

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



67.5278, 71.2658, 80.0086



68.2419, 71.2658, 79.6055



67.9446, 71.2658, 75.2331



67.2326, 71.2658, 75.6213

Sweetspot

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



67.5298, 71.2688, 80.0102



93.7131, 98.7097, 108.7214



67.9091, 72.6903, 78.0933



20.0726, 21.1416, 23.2727



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

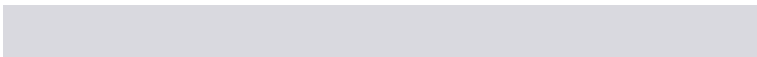
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.5298, 71.2688, 80.0102



91.0845, 96.1643, 108.3686



66.7744, 69.7580, 79.7584



14.6566, 15.4873, 17.6046



11.3273, 10.1242, 42.4055



0.8747, 0.8809, 2.9692

Inverse Universe

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



68.1642, 70.4825, 77.7255



92.0488, 94.9722, 104.8950



69.3179, 73.4208, 76.1651



14.8520, 15.2472, 16.9002



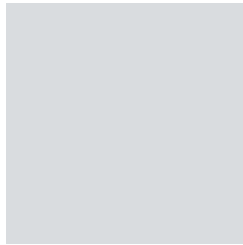
19.6577, 9.9301, 10.1292



1.4078, 0.7064, 0.9401

Previews

White Background



This preview shows how the XYZ color 67.5278, 71.2658, 80.0086 looks on a white background.

Color Contrast Check

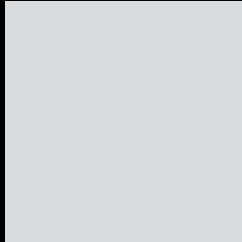
Large Text (above 18pt) WCAG AA × Fail

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 67.5278, 71.2658, 80.0086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

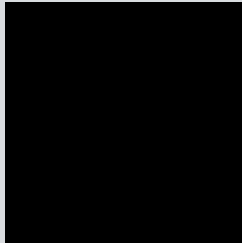
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

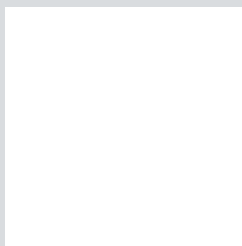
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5278, 71.2658, 80.0086

Background



This preview shows how black text looks on a background with the XYZ color 67.5278, 71.2658, 80.0086.

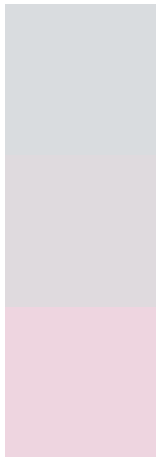


This preview shows how white text looks on a background with the XYZ color 67.5278, 71.2658,

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

67.5278, 71.2658, 80.0086

Protanopia

68.6876, 71.1047, 79.2116

Deuteranopia

72.5087, 71.1475, 80.4322



Tritanopia

69.2802, 71.2010, 88.6890

Trichromacy



Original Color

67.5278, 71.2658, 80.0086

Protanomaly

68.3351, 71.3091, 79.2696

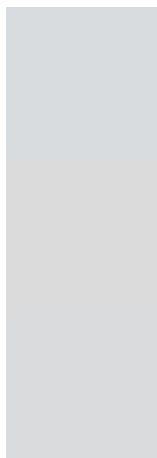
Deuteranomaly

70.6435, 71.3165, 80.5632

Tritanomaly

68.6688, 71.3380, 85.7517

Monochromacy



Original Color

67.5278, 71.2658, 80.0086

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.1632, 70.7358, 77.8236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5278, 71.2658, 80.0086 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(217, 220, 223) looks like.

```
.text, #text, p{  
    color:rgb(217, 220, 223)  
}
```

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(217, 220, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 220, 223) }
```

Border

The CSS property to change the border of an element to XYZ 67.5278, 71.2658, 80.0086 is called "border". The border property can be set on classes, ids or directly on the HTML element.

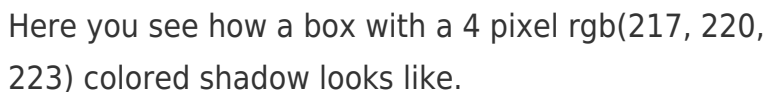
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 220, 223) }
```


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

```
.border{ border-color:rgb(217, 220, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 220, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 220, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 220, 223); box-shadow:4px 4px 4px 4px rgb(217, 220, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5278, 71.2658, 80.0086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 220, 223) }
```

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

```
.background{ background-color: rgb(217,  
220, 223) }
```

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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