

Converting Colors

XYZ(67.7242, 71.7331, 79.2758)

Have a look what the booklet for
XYZ(67.7242, 71.7331, 79.2758)
contains.

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Color

**XYZ(67.6565, 71.7385,
79.3883)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DDDE
RGB	217, 221, 222
RGB Percent	85%, 87%, 87%
CMY	0.1490, 0.1333, 0.1294
CMYK	0.02, 0.00, 0.00, 0.13
HSL	192°, 7%, 86%
HSV	192°, 2%, 87%
XYZ	67.6565, 71.7385, 79.3883
YIQ	219.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

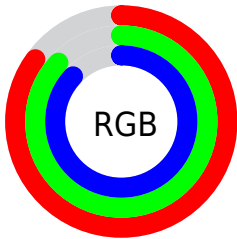
Format	Color
R _Y B	217, 219, 222
Decimal	14278110
CIE Lab	87.84, -1.16, -0.97
CIE LCh	88, 1.513, 219.918
Yxy	71.7385, 0.3092, 0.3279
Android (android.graphics.Color)	4292468190 (0xFFD9DDDE)
YUV	219.9180, 1.0264, -2.5591
Hunter-Lab	84.6986, -5.6383, 3.7163

Details

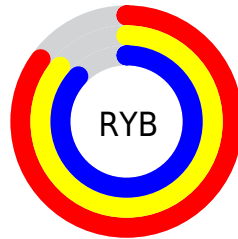
The XYZ color **67.6565, 71.7385, 79.3883** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7201, 70.6814, 75.7203**, and the grayscale version is **67.9664, 71.5060, 77.8700**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5116, 37.7438, 41.9728** is the 20% darker color. If you saturate the color by 10%, you get **60.3444, 66.2597, 78.7173**, and if you desaturate by 10%, it is **75.8911, 77.7427, 80.1143**.

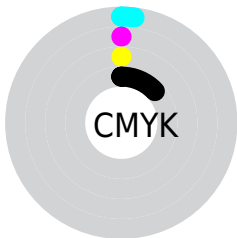
Distribution



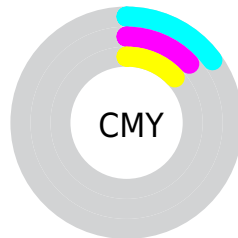
- Red (85%)
- Green (87%)
- Blue (87%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6565, 71.7385, 79.3883 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 67.6565, 71.7385, 79.3883 by changing the saturation by 10% instead.

■ 67.6565, 71.7385,
79.3883

■ 67.6565, 71.7385,
79.3883

441.6738,
466.6309, 512.5213

■ 49.8910, 52.9451,
58.6919

114.9052,
121.6847, 134.3090

■ 35.5442, 37.7589,
41.9468

145.1191,
153.6062, 169.3704

■ 24.2509, 25.7956,
28.7344

180.2132,
190.6726, 210.0572

■ 15.6456, 16.6708,
18.6361

220.5529,
233.2682, 256.7879

■ 9.3630, 10.0001,
11.2335

266.5034,
281.7775, 309.9812

■ 5.0377, 5.3990,
6.1080

318.4302,

■ 2.3044, 2.4832,

336.5847, 370.0554

2.8410

376.6985,
398.0744, 437.4293

■ 0.7969, 0.8682,
1.0140

■ 0.0000, 0.0000,
0.0000

■ 67.6565, 71.7385,
79.3883

■ 67.6565, 71.7385,
79.3883

■ 60.3444, 66.2597,
78.7173

■ 75.8911, 77.7427,
80.1143

■ 53.9133, 61.2783,
78.0947

■ 82.6810, 83.0460,
80.7801

■ 48.3274, 56.7777,
77.5204

■ 83.9269, 85.5377,
81.1954

■ 43.5463, 52.7366,
76.9924

■ 85.2042, 88.0924,
81.6211

■ 39.5259, 49.1320,
76.5085

■ 86.5132, 90.7104,
82.0575

■ 36.2178, 45.9385,
76.0665

■ 87.8542, 93.3923,
82.5045

■ 33.5680, 43.1280,
75.6637

■ 89.2272, 96.1384,
82.9621

■ 31.5143, 40.6679,
75.2971

■ 90.1850, 98.0540,
83.2814

■ 29.9820, 38.5194,
74.9631

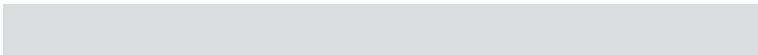
Harmonies

Analogous

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



67.5066, 71.7385, 78.4525



67.6565, 71.7385, 79.3883



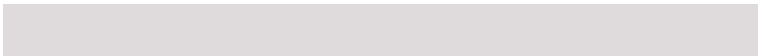
67.9482, 71.7385, 79.9852

Triad

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



67.6565, 71.7385, 79.3883



68.8366, 71.7385, 78.7928



68.0663, 71.7385, 76.1771

Complementary

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



67.6565, 71.7385, 79.3883



67.7201, 70.6814, 75.7203

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.



68.4229, 71.7385, 76.2664



67.6565, 71.7385, 79.3883



68.8685, 71.7385, 77.7705

Square

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



67.6565, 71.7385, 79.3883



68.6298, 71.7385, 79.6392



68.7168, 71.7385, 76.8475



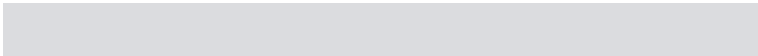
67.7427, 71.7385, 76.6025

Rectangle

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



67.6565, 71.7385, 79.3883



68.1843, 71.7385, 80.1075



68.7168, 71.7385, 76.8475



68.1863, 71.7385, 76.1480

Sweetspot

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



67.6585, 71.7416, 79.3899



93.9562, 99.1958, 108.8024



67.3816, 72.0530, 76.6298



20.1220, 21.2405, 23.2892



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

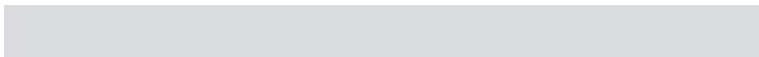
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.6585, 71.7416, 79.3899



91.8069, 97.6090, 108.6094



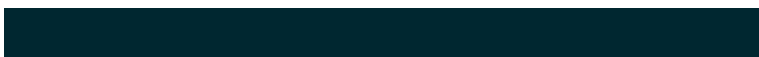
67.0241, 70.4726, 79.1784



14.8030, 15.7801, 17.6534



17.3396, 22.1488, 44.4096



1.2616, 1.6547, 3.0981

Inverse Universe

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



67.9897, 70.3770, 78.4109



92.4134, 95.1180, 106.8150



68.3524, 71.9459, 75.9310



14.9259, 15.2768, 17.2893



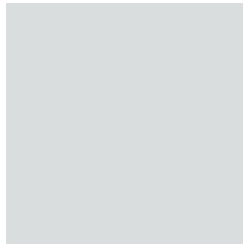
22.6925, 11.1440, 26.1099



1.6031, 0.7845, 1.9686

Previews

White Background



This preview shows how the XYZ color 67.6565, 71.7385, 79.3883 looks on a white background.

Color Contrast Check

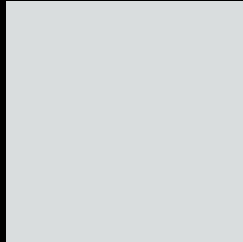
Large Text (above 18pt) WCAG AA × Fail

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 67.6565, 71.7385, 79.3883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

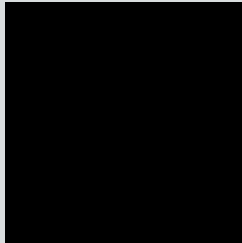
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

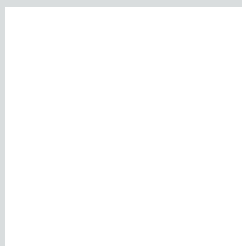
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.6565, 71.7385, 79.3883

Background



This preview shows how black text looks on a background with the XYZ color 67.6565, 71.7385, 79.3883.

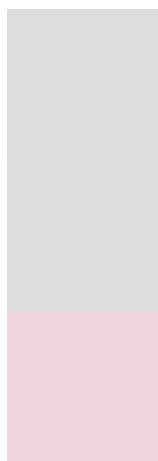


This preview shows how white text looks on a background with the XYZ color 67.6565, 71.7385,

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

67.6565, 71.7385, 79.3883

Protanopia

69.1231, 71.7308, 78.6089

Deuteranopia

73.1840, 71.4956, 80.4638



Tritanopia

69.6853, 71.7792, 89.5389

Trichromacy



Original Color

67.6565, 71.7385, 79.3883

Protanomaly

68.4631, 71.7790, 78.6530

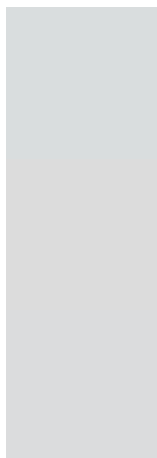
Deuteranomaly

71.1539, 71.5953, 79.8811

Tritanomaly

68.9304, 71.8613, 85.8389

Monochromacy



Original Color

67.6565, 71.7385, 79.3883

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.8578, 71.4669, 78.6246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6565, 71.7385, 79.3883 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, 221, 222) looks like.

```
.text, #text, p{  
    color:rgb(217, 221, 222)  
}
```

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, 221, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 221, 222) }
```

Border

The CSS property to change the border of an element to XYZ 67.6565, 71.7385, 79.3883 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, 221, 222) }
```


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

```
.border{ border-color:rgb(217, 221, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 221, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 221, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 221, 222);  
box-shadow:4px 4px 4px 4px rgb(217, 221,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6565, 71.7385, 79.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 221, 222) }
```

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

```
.background{ background-color: rgb(217,  
221, 222) }
```

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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