

Converting Colors

XYZ(60.7593, 68.6496, 75.4821)

Have a look what the booklet for
XYZ(60.7593, 68.6496, 75.4821)
contains.

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Color

**XYZ(60.8938, 68.7216,
75.7008)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DED9
RGB	194, 222, 217
RGB Percent	76%, 87%, 85%
CMY	0.2392, 0.1294, 0.1490
CMYK	0.13, 0.00, 0.02, 0.13
HSL	169°, 30%, 82%
HSV	169°, 13%, 87%
XYZ	60.8938, 68.7216, 75.7008
YIQ	213.0580, -15.0830, -7.4910

Conversions

Conversions Part 2

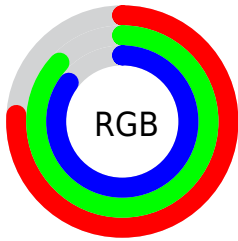
Format	Color
RYB	194, 209, 222
Decimal	12771033
CIELab	86.37, -10.20, -0.69
CIELCh	86, 10.218, 183.844
Yxy	68.7216, 0.2966, 0.3347
Android (android.graphics.Color)	4290961113 (0xFFC2DED9)
YUV	213.0580, 1.9434, -16.7139
Hunter-Lab	82.8985, -13.9537, 3.8868

Details

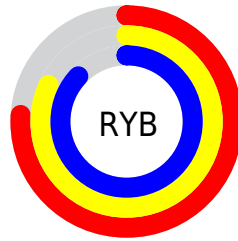
The XYZ color **60.8938, 68.7216, 75.7008** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.7273, 58.2386, 62.1291**, and the grayscale version is **63.2809, 66.5764, 72.5017**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **31.1555, 35.8215, 39.4546** is the 20% darker color. If you saturate the color by 10%, you get **55.1069, 65.7991, 72.7702**, and if you desaturate by 10%, it is **67.5482, 72.0936, 78.7396**.

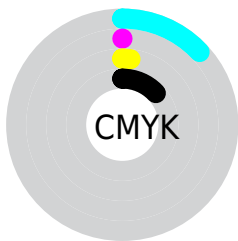
Distribution



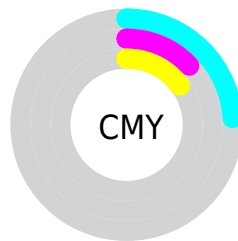
- Red (76%)
- Green (87%)
- Blue (85%)



- Red (76%)
- Yellow (82%)
- Blue (87%)



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



- Cyan (24%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8938, 68.7216, 75.7008 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 60.8938, 68.7216, 75.7008 by changing the saturation by 10% instead.

60.8938, 68.7216,
75.7008

60.8938, 68.7216,
75.7008

417.6666,
456.0485, 499.6424

44.3917, 50.4850,
55.6820

105.2241,
117.3838, 129.0601

31.1778, 35.7989,
39.5457

133.7831,
148.5783, 163.2377

20.8868, 24.2789,
26.8735

167.0916,
184.8608, 202.9719

13.1532, 15.5407,
17.2466

205.5152,
226.6158, 248.6814

7.6119, 9.1997,
10.2467

249.4191,
274.2277, 300.7847

3.8973, 4.8717,
5.4551

299.1688,

1.6442, 2.1722,

328.0808, 359.7002

2.4533

355.1295,
388.5596, 425.8466

■ 0.4210, 0.7048,
0.8153

■ 0.0000, 0.0000,
0.0000

■ 60.8938, 68.7216,
75.7008

■ 60.8938, 68.7216,
75.7008

■ 55.1069, 65.7991,
72.7702

■ 67.5482, 72.0936,
78.7396

■ 50.1440, 63.2981,
69.9411

■ 75.0995, 75.9247,
81.8841

■ 45.9665, 61.2006,
67.2126

■ 81.4915, 79.1567,
85.0399

■ 42.5304, 59.4839,
64.5821

■ 82.0516, 79.3807,
87.9889

■ 39.7872, 58.1230,
62.0470

■ 82.6243, 79.6098,
91.0050

■ 37.6829, 57.0901,
59.6042

■ 83.2099, 79.8440,
94.0885

■ 36.1551, 56.3530,
57.2505

■ 83.8083, 80.0834,
97.2400

■ 35.1286, 55.8729,
54.9816

■ 84.4198, 80.3280,
100.4599

■ 34.6012, 55.6365,
53.3558

■ 85.0443, 80.5778,
103.7485

Harmonies

Analogous

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



61.3286, 68.7216, 69.2420



60.8938, 68.7216, 75.7008



61.6207, 68.7216, 82.3003

Triad

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



60.8938, 68.7216, 75.7008



67.8779, 68.7216, 86.1480



67.3388, 68.7216, 63.7562

Complementary

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



60.8938, 68.7216, 75.7008



59.7273, 58.2386, 62.1291

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.



69.1599, 68.7216, 67.8188



60.8938, 68.7216, 75.7008



69.4764, 68.7216, 80.7028

Square

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



60.8938, 68.7216, 75.7008



65.6225, 68.7216, 88.5570



69.9511, 68.7216, 73.9582



65.0141, 68.7216, 62.5934

Rectangle

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



60.8938, 68.7216, 75.7008



62.6768, 68.7216, 85.8180



69.9511, 68.7216, 73.9582



68.0320, 68.7216, 64.8154

Sweetspot

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



60.8958, 68.7245, 75.7023



91.1044, 97.9997, 107.1910



59.4496, 68.3009, 61.0902



19.3460, 20.8979, 22.8751



0.0000, 0.0000, 0.0000



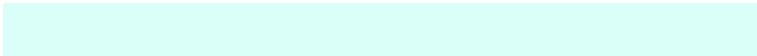
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8958, 68.7245, 75.7023



81.2701, 93.0211, 102.6136



59.2629, 64.4013, 78.4177



14.0060, 15.5281, 17.0667



20.5890, 33.0604, 31.8881



1.4550, 2.3027, 2.3569

Inverse Universe

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



59.7273, 58.2386, 62.1291



79.3866, 76.1162, 80.7333



61.1886, 62.0757, 59.7969



13.8067, 13.7403, 14.7524



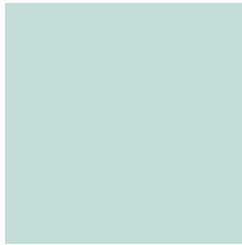
18.1463, 9.3255, 2.1702



1.2877, 0.6583, 0.3078

Previews

White Background



This preview shows how the XYZ color 60.8938, 68.7216, 75.7008 looks on a white background.

Color Contrast Check

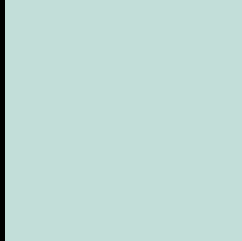
Large Text (above 18pt) WCAG AA × Fail

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 60.8938, 68.7216, 75.7008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

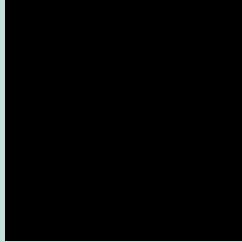
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

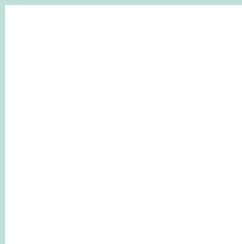
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8938, 68.7216, 75.7008

Background



This preview shows how black text looks on a background with the XYZ color 60.8938, 68.7216, 75.7008.

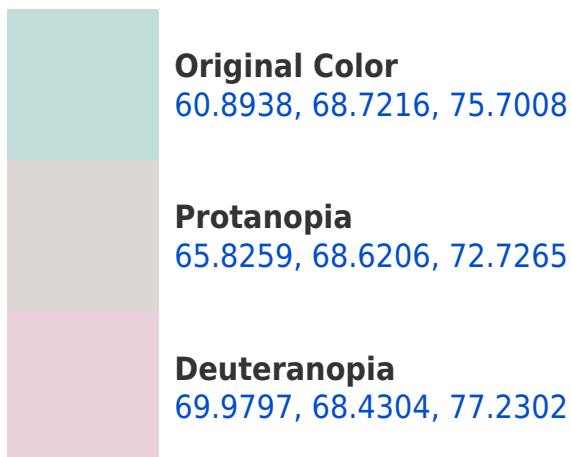


This preview shows how white text looks on a background with the XYZ color 60.8938, 68.7216,

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





Tritanopia

63.4978, 68.5895, 89.2493

Trichromacy



Original Color

60.8938, 68.7216, 75.7008

Protanomaly

64.0730, 68.8467, 73.5301

Deuteranomaly

66.3480, 68.4233, 76.7279

Tritanomaly

62.5010, 68.5793, 84.0717

Monochromacy



Original Color

60.8938, 68.7216, 75.7008

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.1471, 67.0886, 73.2922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8938, 68.7216, 75.7008 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(194, 222, 217)` looks like.

```
.text, #text, p{  
    color:rgb(194, 222, 217)  
}
```

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(194, 222, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 222, 217) }
```

Border

The CSS property to change the border of an element to XYZ 60.8938, 68.7216, 75.7008 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(194, 222, 217) }
```


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

```
.border{ border-color:rgb(194, 222, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 222, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 222, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 222, 217);  
box-shadow:4px 4px 4px 4px rgb(194, 222,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8938, 68.7216, 75.7008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 222, 217) }
```

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

```
.background{ background-color: rgb(194,  
222, 217) }
```

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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