

Converting Colors

XYZ(62.8703, 67.8947, 75.6117)

Have a look what the booklet for
XYZ(62.8703, 67.8947, 75.6117)
contains.

XYZ(62.7908, 67.7573, 75.4147)	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(62.7908, 67.7573,
75.4147)**

Conversions

Conversions Part 1

Format	Color
Hex	CED9D9
RGB	206, 217, 217
RGB Percent	81%, 85%, 85%
CMY	0.1922, 0.1490, 0.1490
CMYK	0.05, 0.00, 0.00, 0.15
HSL	180°, 13%, 83%
HSV	180°, 5%, 85%
XYZ	62.7908, 67.7573, 75.4147
YIQ	213.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

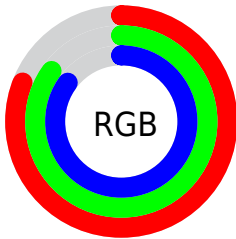
Format	Color
R _Y B	206, 212, 217
Decimal	13556185
CIE Lab	85.88, -3.69, -1.29
CIE LCh	86, 3.911, 199.275
Yxy	67.7573, 0.3049, 0.3290
Android (android.graphics.Color)	4291746265 (0xFFCED9D9)
YUV	213.7110, 1.6215, -6.7625
Hunter-Lab	82.3148, -7.8889, 3.3004

Details

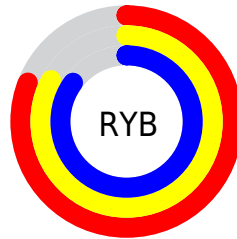
The XYZ color **62.7908, 67.7573, 75.4147** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8296, 63.3522, 67.3651**, and the grayscale version is **63.7165, 67.0347, 73.0008**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3908, 35.1247, 39.2550** is the 20% darker color. If you saturate the color by 10%, you get **57.1772, 64.8653, 75.1486**, and if you desaturate by 10%, it is **69.2401, 71.0838, 75.7227**.

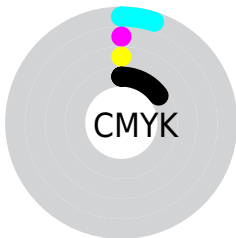
Distribution



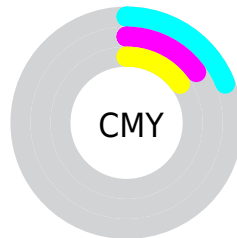
- Red (81%)
- Green (85%)
- Blue (85%)



- Red (81%)
- Yellow (83%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7908, 67.7573, 75.4147 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 62.7908, 67.7573, 75.4147 by changing the saturation by 10% instead.

■ 62.7908, 67.7573,
75.4147

■ 62.7908, 67.7573,
75.4147

424.4816,
452.6356, 498.6351

■ 45.9300, 49.7003,
55.4489

107.9512,
116.0049, 128.6517

■ 32.3950, 35.1753,
39.3602

136.9814,
146.9643, 162.7600

■ 21.8204, 23.7980,
26.7301

170.7989,
182.9932, 202.4196

■ 13.8408, 15.1838,
17.1400

209.7689,
224.4762, 248.0489

■ 8.0910, 8.9485,
10.1713

254.2568,
271.7975, 300.0666

■ 4.2055, 4.7076,
5.4056

304.6280,

■ 1.8191, 2.0767,

325.3416, 358.8912

2.4243

361.2478,
385.4928, 424.9412

■ 0.5291, 0.6515,
0.7996

■ 0.0000, 0.0000,
0.0000

■ 62.7908, 67.7573,
75.4147

■ 62.7908, 67.7573,
75.4147

■ 57.1772, 64.8653,
75.1486

■ 69.2401, 71.0838,
75.7227

■ 52.3595, 62.3818,
74.9184

■ 76.5511, 74.8527,
76.0696

■ 48.3035, 60.2910,
74.7239

■ 78.5815, 75.8993,
76.1693

■ 44.9703, 58.5728,
74.5632

■ 78.5824, 75.8996,
76.1741

■ 42.3173, 57.2052,
74.4343

■ 78.5833, 75.9000,
76.1789

■ 40.2978, 56.1642,
74.3350

■ 78.5842, 75.9003,
76.1837

■ 38.8590, 55.4226,
74.2629

■ 78.5851, 75.9007,
76.1884

■ 37.9396, 54.9487,
74.2152

■ 78.5860, 75.9011,
76.1932

■ 37.4646, 54.7040,
74.1882

■ 78.5869, 75.9014,
76.1980

Harmonies

Analogous

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



62.7256, 67.7573, 72.8630



62.7908, 67.7573, 75.4147



63.2853, 67.7573, 77.5738

Triad

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



62.7908, 67.7573, 75.4147



65.7140, 67.7573, 77.0380



64.7220, 67.7573, 69.0399

Complementary

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



62.7908, 67.7573, 75.4147



61.8296, 63.3522, 67.3651

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.



65.5304, 67.7573, 70.1046



62.7908, 67.7573, 75.4147



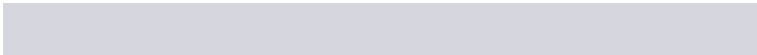
66.1066, 67.7573, 74.6970

Square

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



62.7908, 67.7573, 75.4147



64.9709, 67.7573, 78.5259



66.0391, 67.7573, 72.1616



63.8350, 67.7573, 69.2220

Rectangle

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



62.7908, 67.7573, 75.4147



63.7943, 67.7573, 78.4814



66.0391, 67.7573, 72.1616



65.0121, 67.7573, 69.2629

Sweetspot

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



62.7927, 67.7602, 75.4162



93.1982, 99.0454, 108.8120



61.4598, 67.2329, 68.1314



19.9676, 21.2098, 23.2912



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.



62.7927, 67.7602, 75.4162



89.6426, 97.2125, 108.6428



61.4442, 65.0625, 74.9690



13.8102, 15.0179, 16.8223



22.5966, 33.0713, 44.9025



1.4640, 2.1425, 2.9093

Inverse Universe

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



61.8296, 63.3522, 67.3651



87.9962, 89.6774, 94.8800



63.1313, 65.9564, 67.7969



13.5329, 13.7492, 14.5050



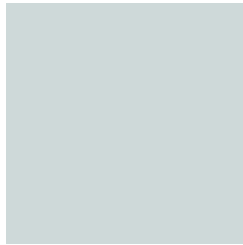
17.3225, 8.9300, 0.8123



1.1223, 0.5786, 0.0529

Previews

White Background



This preview shows how the XYZ color 62.7908, 67.7573, 75.4147 looks on a white background.

Color Contrast Check

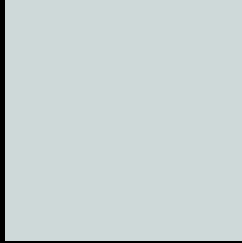
Large Text (above 18pt) WCAG AA × Fail

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 62.7908, 67.7573, 75.4147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

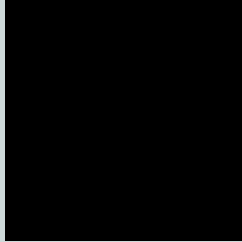
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

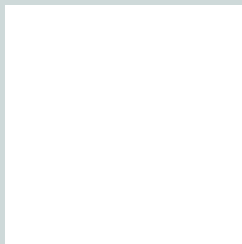
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7908, 67.7573, 75.4147

Background



This preview shows how black text looks on a background with the XYZ color 62.7908, 67.7573, 75.4147.

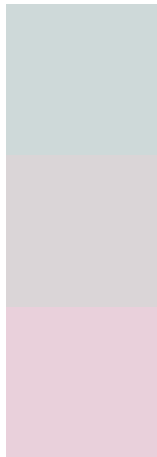


This preview shows how white text looks on a background with the XYZ color 62.7908, 67.7573,

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

62.7908, 67.7573, 75.4147

Protanopia

64.9734, 67.4002, 73.8751

Deuteranopia

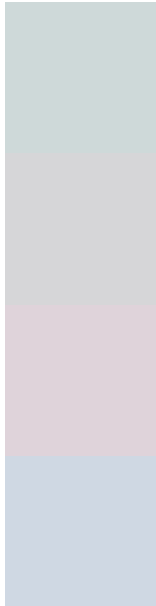
68.9463, 67.5499, 76.4224



Tritanopia

64.8784, 67.8370, 86.0183

Trichromacy



Original Color

62.7908, 67.7573, 75.4147

Protanomaly

64.1728, 67.3471, 74.5828

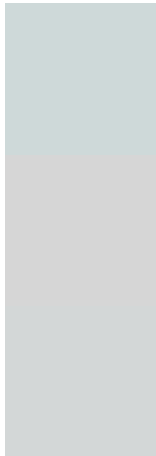
Deuteranomaly

66.3806, 67.3385, 75.8287

Tritanomaly

64.1531, 67.9232, 82.4023

Monochromacy



Original Color

62.7908, 67.7573, 75.4147

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.4301, 67.3561, 73.9479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7908, 67.7573, 75.4147 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(206, 217, 217) looks like.

```
.text, #text, p{  
    color:rgb(206, 217, 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(206, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 217, 217) }
```

Border

The CSS property to change the border of an element to XYZ 62.7908, 67.7573, 75.4147 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(206, 217, 217) }
```


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

```
.border{ border-color:rgb(206, 217, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 217, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(206, 217,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7908, 67.7573, 75.4147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 217, 217) }
```

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

```
.background{ background-color: rgb(206,  
217, 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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