

Converting Colors

XYZ(58.6532, 65.5742, 69.3022)

Have a look what the booklet for
XYZ(58.6532, 65.5742, 69.3022)
contains.

XYZ(58.7037, 65.7819, 69.2777)	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(58.7037, 65.7819,
69.2777)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D9D0
RGB	195, 217, 208
RGB Percent	76%, 85%, 82%
CMY	0.2353, 0.1490, 0.1843
CMYK	0.10, 0.00, 0.04, 0.15
HSL	155°, 22%, 81%
HSV	155°, 10%, 85%
XYZ	58.7037, 65.7819, 69.2777
YIQ	209.3960, -10.2230, -7.4630

Conversions

Conversions Part 2

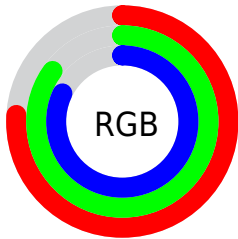
Format	Color
RYB	195, 209, 217
Decimal	12835280
CIELab	84.89, -9.04, 1.92
CIElCh	85, 9.245, 168.004
Yxy	65.7819, 0.3030, 0.3395
Android (android.graphics.Color)	4291025360 (0xFFC3D9D0)
YUV	209.3960, -0.6882, -12.6253
Hunter-Lab	81.1060, -12.7392, 6.1310

Details

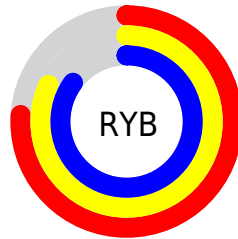
The XYZ color **58.7037, 65.7819, 69.2777** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0318, 58.1432, 65.2412**, and the grayscale version is **60.8736, 64.0438, 69.7437**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **29.7376, 33.8365, 35.5356** is the 20% darker color. If you saturate the color by 10%, you get **52.4374, 62.6760, 63.4412**, and if you desaturate by 10%, it is **65.8498, 69.3379, 75.4774**.

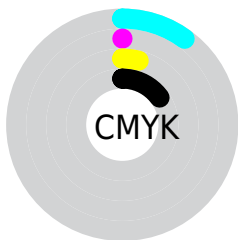
Distribution



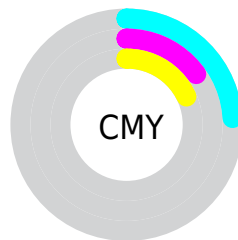
- Red (76%)
- Green (85%)
- Blue (82%)



- Red (76%)
- Yellow (82%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7037, 65.7819, 69.2777 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 58.7037, 65.7819, 69.2777 by changing the saturation by 10% instead.

■ 58.7037, 65.7819,
69.2777

■ 58.7037, 65.7819,
69.2777

409.7147,
445.5965, 476.7302

■ 42.6201, 48.0954,
50.4647

102.0640,
113.1732, 119.8496

■ 29.7804, 33.9024,
35.4090

130.0714,
143.6469, 152.4455

■ 19.8192, 22.8186,
23.6921

162.7841,
179.1516, 190.4730

■ 12.3712, 14.4597,
14.8953

200.5675,
220.0719, 234.3503

■ 7.0710, 8.4411,
8.6001

243.7869,
266.7922, 284.4962

■ 3.5533, 4.3784,
4.3880

292.8076,

■ 1.4526, 1.8874,

319.6967, 341.3291

1.8405

347.9951,
379.1700, 405.2676

■ 0.2933, 0.5408,
0.4545

■ 0.0000, 0.0000,
0.0000

■ 58.7037, 65.7819,
69.2777

■ 58.7037, 65.7819,
69.2777

■ 52.4374, 62.6760,
63.4412

■ 65.8498, 69.3379,
75.4774

■ 47.0092, 59.9935,
57.9568

■ 73.9039, 73.3530,
82.0426

■ 42.3826, 57.7173,
52.8187

■ 80.9975, 76.8656,
88.8921

■ 38.5158, 55.8261,
48.0195

■ 82.3103, 77.3907,
95.8052

■ 35.3632, 54.2965,
43.5516

■ 83.6880, 77.9418,
103.0602

■ 32.8741, 53.1025,
39.4068

■ 84.1041, 78.1082,
105.2514

■ 30.9908, 52.2145,
35.5765

■ 29.6448, 51.5972,
32.0513

■ 28.7243, 51.1923,
28.8623

Harmonies

Analogous

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



59.6067, 65.7819, 64.2526



58.7037, 65.7819, 69.2777



58.8075, 65.7819, 75.2134

Triad

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



58.7037, 65.7819, 69.2777



63.7643, 65.7819, 83.0447



65.2299, 65.7819, 63.4687

Complementary

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



58.7037, 65.7819, 69.2777



59.0318, 58.1432, 65.2412

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.



66.3933, 65.7819, 68.1532



58.7037, 65.7819, 69.2777



65.5344, 65.7819, 79.5414

Square

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



58.7037, 65.7819, 69.2777



61.6985, 65.7819, 83.3871



66.5060, 65.7819, 74.0254



63.3562, 65.7819, 61.0250

Rectangle

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



58.7037, 65.7819, 69.2777



59.4339, 65.7819, 78.8896



66.5060, 65.7819, 74.0254



65.7188, 65.7819, 64.8213

Sweetspot

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



58.7056, 65.7847, 69.2792



91.7914, 98.3779, 106.1382



59.6130, 66.4298, 61.3110



19.4650, 20.9663, 22.5617



0.0000, 0.0000, 0.0000



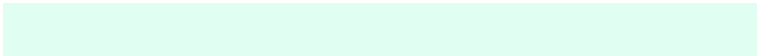
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7056, 65.7847, 69.2792



82.7237, 93.8709, 98.1411



59.3752, 65.3005, 75.1238



13.2077, 14.7347, 15.5566



17.4410, 31.0090, 17.7535



1.1723, 2.0259, 1.3734

Inverse Universe

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



59.0318, 58.1432, 65.2412



83.2778, 80.8964, 91.2855



58.3961, 58.5503, 59.8542



13.2758, 13.1394, 14.7136



18.4579, 9.3842, 6.7915



1.2379, 0.6248, 0.6617

Previews

White Background



This preview shows how the XYZ color 58.7037, 65.7819, 69.2777 looks on a white background.

Color Contrast Check

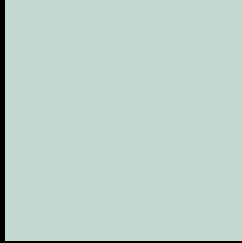
Large Text (above 18pt) WCAG AA × Fail

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 58.7037, 65.7819, 69.2777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

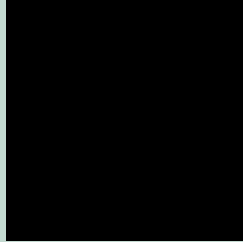
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

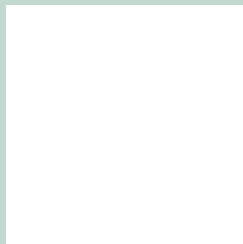
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7037, 65.7819, 69.2777

Background



This preview shows how black text looks on a background with the XYZ color 58.7037, 65.7819, 69.2777.

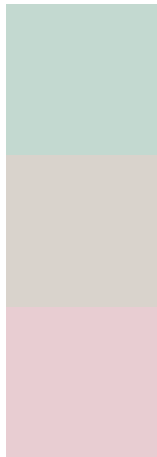


This preview shows how white text looks on a background with the XYZ color 58.7037, 65.7819,

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

58.7037, 65.7819, 69.2777

Protanopia

62.8086, 65.6999, 66.4977

Deuteranopia

66.7429, 65.4716, 70.0923



Tritanopia

62.0236, 66.0048, 85.0725

Trichromacy



Original Color

58.7037, 65.7819, 69.2777

Protanomaly

61.1082, 65.5516, 67.1896

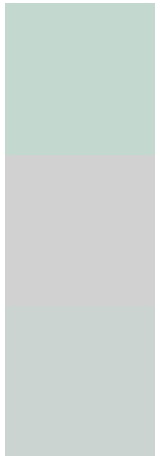
Deuteranomaly

63.5225, 65.2644, 69.5709

Tritanomaly

60.9084, 65.9344, 79.3284

Monochromacy



Original Color

58.7037, 65.7819, 69.2777

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.9539, 64.5278, 69.6168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7037, 65.7819, 69.2777 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(195, 217, 208) looks like.

```
.text, #text, p{  
    color:rgb(195, 217, 208)  
}
```

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(195, 217, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 217, 208) }
```

Border

The CSS property to change the border of an element to XYZ 58.7037, 65.7819, 69.2777 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(195, 217, 208) }
```


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

```
.border{ border-color:rgb(195, 217, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 217, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 217, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 217, 208); box-shadow:4px 4px 4px 4px rgb(195, 217, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7037, 65.7819, 69.2777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 217, 208) }
```

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

```
.background{ background-color: rgb(195,  
217, 208) }
```

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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