

Converting Colors

XYZ(58.6388, 65.1117, 74.1859)

Have a look what the booklet for
XYZ(58.6388, 65.1117, 74.1859)
contains.

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Color

**XYZ(58.6888, 65.2761,
74.4721)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D8D8
RGB	192, 216, 216
RGB Percent	75%, 85%, 85%
CMY	0.2471, 0.1529, 0.1529
CMYK	0.11, 0.00, 0.00, 0.15
HSL	180°, 24%, 80%
HSV	180°, 11%, 85%
XYZ	58.6888, 65.2761, 74.4721
YIQ	208.8240, -14.3040, -5.0880

Conversions

Conversions Part 2

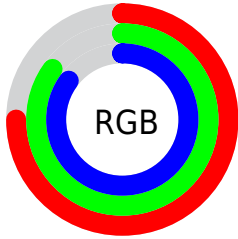
Format	Color
RYB	192, 204, 216
Decimal	12638424
CIELab	84.63, -7.96, -2.72
CIELCh	85, 8.414, 198.873
Yxy	65.2761, 0.2958, 0.3290
Android (android.graphics.Color)	4290828504 (0xFFC0D8D8)
YUV	208.8240, 3.5378, -14.7546
Hunter-Lab	80.7936, -11.7258, 1.9046

Details

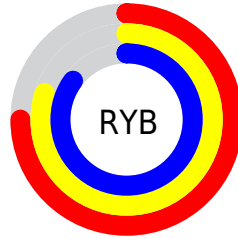
The XYZ color **58.6888, 65.2761, 74.4721** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6854, 56.1058, 57.7140**, and the grayscale version is **60.4755, 63.6250, 69.2876**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **29.6591, 33.4662, 38.6146** is the 20% darker color. If you saturate the color by 10%, you get **53.6161, 62.6628, 74.2341**, and if you desaturate by 10%, it is **64.5680, 68.3086, 74.7505**.

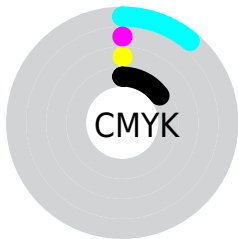
Distribution



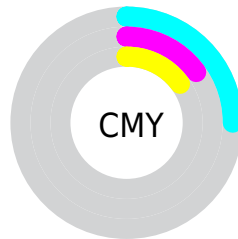
- Red (75%)
- Green (85%)
- Blue (85%)



- Red (75%)
- Yellow (80%)
- Blue (85%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6888, 65.2761, 74.4721 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 58.6888, 65.2761, 74.4721 by changing the saturation by 10% instead.

■ 58.6888, 65.2761,
74.4721

■ 58.6888, 65.2761,
74.4721

409.6603,
443.7835, 495.3081

■ 42.6081, 47.6850,
54.6814

■ 102.0424,
112.4467, 127.3050

■ 29.7709, 33.5775,
38.7498

130.0461,
142.7950, 161.1843

■ 19.8120, 22.5692,
26.2588

162.7547,
178.1645, 200.5969

■ 12.3659, 14.2757,
16.7899

200.5337,
218.9395, 245.9613

■ 7.0674, 8.3127,
9.9244

243.7484,
265.5046, 297.6961

■ 3.5510, 4.2957,
5.2439

292.7641,

■ 1.4514, 1.8403,

318.2440, 356.2198

2.3298

347.9463,
377.5422, 421.9509

■ 0.2924, 0.5121,
0.7479

■ 0.0000, 0.0000,
0.0000

■ 58.6888, 65.2761,
74.4721

■ 58.6888, 65.2761,
74.4721

■ 53.6161, 62.6628,
74.2341

■ 64.5680, 68.3086,
74.7505

■ 49.3094, 60.4427,
74.0307

■ 71.2807, 71.7691,
75.0666

■ 45.7331, 58.5991,
73.8614

■ 78.1931, 75.3326,
75.3920

■ 42.8469, 57.1112,
73.7244

■ 78.1934, 75.3327,
75.3940

■ 40.6062, 55.9562,
73.6176

■ 78.1938, 75.3328,
75.3959

■ 38.9615, 55.1083,
73.5387

■ 78.1942, 75.3330,
75.3979

■ 37.8558, 54.5384,
73.4850

■ 78.1945, 75.3331,
75.3998

■ 37.2214, 54.2114,
73.4534

■ 78.1949, 75.3333,
75.4017

■ 36.9487, 54.0708,
73.4389

■ 78.1953, 75.3334,
75.4037

Harmonies

Analogous

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



58.5672, 65.2761, 69.0976



58.6888, 65.2761, 74.4721



59.6983, 65.2761, 79.1515

Triad

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



58.6888, 65.2761, 74.4721



64.8026, 65.2761, 78.0952



62.7424, 65.2761, 61.4036

Complementary

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



58.6888, 65.2761, 74.4721



56.6854, 56.1058, 57.7140

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.



64.4482, 65.2761, 63.5667



58.6888, 65.2761, 74.4721



65.6536, 65.2761, 73.0890

Square

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



58.6888, 65.2761, 74.4721



63.2182, 65.2761, 81.3151



65.5226, 65.2761, 67.7820



60.8824, 65.2761, 61.7321

Rectangle

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



58.6888, 65.2761, 74.4721



60.7506, 65.2761, 81.1629



65.5226, 65.2761, 67.7820



63.3535, 65.2761, 61.8589

Sweetspot

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



58.6907, 65.2788, 74.4736



92.2912, 98.5778, 108.7700



55.9119, 64.1790, 59.3112



19.6003, 21.0204, 23.2740



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.



58.6907, 65.2788, 74.4736



83.8876, 94.2456, 108.3739



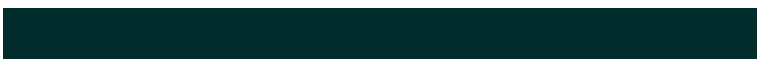
55.8229, 59.5426, 73.5196



12.7922, 14.1079, 15.9860



21.8688, 32.0029, 43.4665



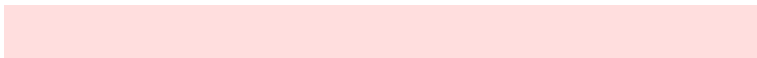
1.3190, 1.9303, 2.6218

Inverse Universe

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



56.6854, 56.1058, 57.7140



80.4868, 78.6890, 79.9513



59.3336, 61.4029, 58.5950



12.4234, 12.4208, 12.9037



16.7621, 8.6411, 0.7851



1.0110, 0.5212, 0.0475

Previews

White Background



This preview shows how the XYZ color 58.6888, 65.2761, 74.4721 looks on a white background.

Color Contrast Check

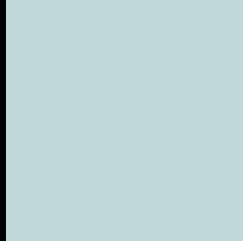
Large Text (above 18pt) WCAG AA × Fail

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 58.6888, 65.2761, 74.4721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

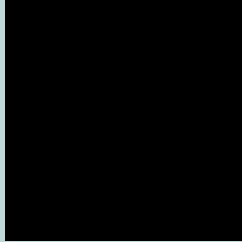
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

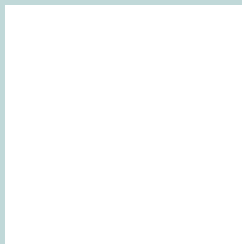
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6888, 65.2761, 74.4721

Background



This preview shows how black text looks on a background with the XYZ color 58.6888, 65.2761, 74.4721.

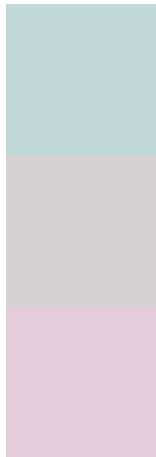


This preview shows how white text looks on a background with the XYZ color 58.6888, 65.2761,

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

58.6888, 65.2761, 74.4721

Protanopia

62.6618, 65.1428, 71.5585

Deuteranopia

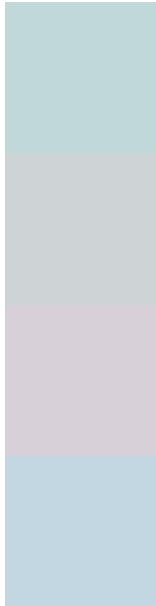
66.2427, 64.7417, 75.3347



Tritanopia

60.9760, 65.4648, 85.0235

Trichromacy



Original Color

58.6888, 65.2761, 74.4721

Protanomaly

61.0073, 65.0129, 72.2841

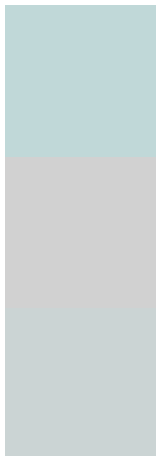
Deuteranomaly

63.1046, 64.5686, 74.7827

Tritanomaly

60.2760, 65.5612, 81.4292

Monochromacy



Original Color

58.6888, 65.2761, 74.4721

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.0558, 64.5369, 71.5790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6888, 65.2761, 74.4721 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(192, 216, 216) looks like.

```
.text, #text, p{  
    color:rgb(192, 216, 216)  
}
```

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(192, 216, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 216, 216) }
```

Border

The CSS property to change the border of an element to XYZ 58.6888, 65.2761, 74.4721 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(192, 216, 216) }
```


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

```
.border{ border-color:rgb(192, 216, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 216, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 216, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 216, 216); box-shadow:4px 4px 4px 4px rgb(192, 216, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6888, 65.2761, 74.4721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 216, 216) }
```

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

```
.background{ background-color: rgb(192,  
216, 216) }
```

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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