

Converting Colors

XYZ(50.8339, 58.7285, 74.1328)

Have a look what the booklet for
XYZ(50.8339, 58.7285, 74.1328)
contains.

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Color

**XYZ(50.8419, 58.6100,
74.2789)**

Conversions

Conversions Part 1

Format	Color
Hex	A5D1D9
RGB	165, 209, 217
RGB Percent	65%, 82%, 85%
CMY	0.3529, 0.1804, 0.1490
CMYK	0.24, 0.04, 0.00, 0.15
HSL	189°, 41%, 75%
HSV	189°, 24%, 85%
XYZ	50.8419, 58.6100, 74.2789
YIQ	196.7560, -28.7920, -6.8400

Conversions

Conversions Part 2

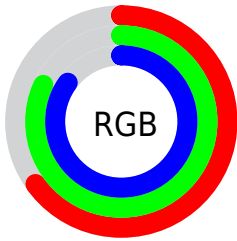
Format	Color
RYB	165, 189, 217
Decimal	10867161
CIELab	81.08, -12.55, -8.69
CIELCh	81, 15.267, 214.685
Yxy	58.6100, 0.2767, 0.3190
Android (android.graphics.Color)	4289057241 (0xFFA5D1D9)
YUV	196.7560, 9.9803, -27.8500
Hunter-Lab	76.5572, -15.4325, -3.9356

Details

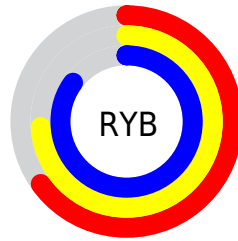
The XYZ color **50.8419, 58.6100, 74.2789** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.3510, 47.3558, 42.0853**, and the grayscale version is **52.8793, 55.6332, 60.5845**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **24.9250, 29.4961, 38.5620** is the 20% darker color. If you saturate the color by 10%, you get **45.8958, 54.8588, 73.8165**, and if you desaturate by 10%, it is **56.5744, 62.7951, 74.7855**.

Distribution



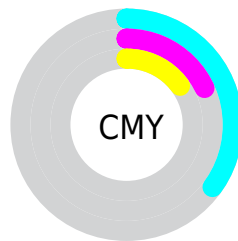
- Red (65%)
- Green (82%)
- Blue (85%)



- Red (65%)
- Yellow (74%)
- Blue (85%)



- Cyan (24%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (35%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8419, 58.6100, 74.2789 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 50.8419, 58.6100, 74.2789 by changing the saturation by 10% instead.

■ 50.8419, 58.6100,
74.2789

■ 50.8419, 58.6100,
74.2789

■ 380.3470,
419.4551, 494.6245

■ 36.3033, 42.2993,
54.5242

■ 90.6054, 102.8106,
127.0288

■ 24.8398, 29.3357,
38.6249

■ 116.5611,
131.4693, 160.8610

■ 16.0858, 19.3349,
26.1624

■ 147.0531,
165.0127, 200.2228

■ 9.6761, 11.9125,
16.7183

■ 182.4470,
203.8253, 245.5328

■ 5.2454, 6.6841,
9.8741

■ 223.1079,
248.2914, 297.2094

■ 2.4282, 3.2654,
5.2110

■ 269.4013,

■ 0.8592, 1.2718,

298.7955, 355.6711

2.3107

321.6926,
355.7219, 421.3367

■ 0.0000, 0.1192,
0.7372

■ 0.0000, 0.0000,
0.0000

■ 50.8419, 58.6100,
74.2789

■ 50.8419, 58.6100,
74.2789

■ 45.8958, 54.8588,
73.8165

■ 56.5744, 62.7951,
74.7855

■ 41.6923, 51.5141,
73.3925

■ 63.1241, 67.4256,
75.3341

■ 38.1908, 48.5566,
73.0062

■ 70.5266, 72.5215,
75.9276

■ 35.3451, 45.9621,
72.6554

■ 78.8136, 78.0993,
76.5674

■ 33.1029, 43.7036,
72.3376

■ 80.8771, 80.4949,
76.9210

■ 31.4041, 41.7500,
72.0500

■ 81.7919, 82.3245,
77.2260

■ 30.1756, 40.0632,
71.7892

■ 82.7244, 84.1895,
77.5368

■ 29.5876, 39.1360,
71.6412

■ 83.6748, 86.0903,
77.8536

■ 84.6432, 88.0270,
78.1764

Harmonies

Analogous

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



49.8481, 58.6100, 65.2534



50.8419, 58.6100, 74.2789



53.1402, 58.6100, 80.9402

Triad

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



50.8419, 58.6100, 74.2789



61.4030, 58.6100, 71.5785



55.2105, 58.6100, 47.9457

Complementary

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



50.8419, 58.6100, 74.2789



50.3510, 47.3558, 42.0853

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.



58.3553, 58.6100, 49.2959



50.8419, 58.6100, 74.2789



62.0080, 58.6100, 62.4005

Square

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



50.8419, 58.6100, 74.2789



59.2496, 58.6100, 79.2803



60.8731, 58.6100, 54.3855



52.3086, 58.6100, 50.5065

Rectangle

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



50.8419, 58.6100, 74.2789



55.1441, 58.6100, 82.8317



60.8731, 58.6100, 54.3855



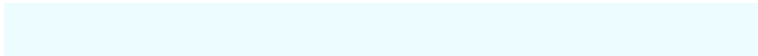
56.2738, 58.6100, 47.9595

Sweetspot

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



50.8436, 58.6124, 74.2802



87.9156, 95.0312, 108.3170



47.8545, 60.6356, 48.6166



18.6920, 20.2522, 23.1738



0.0000, 0.0000, 0.0000



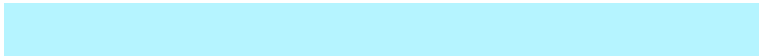
20.3446, 21.4041, 23.3091

Same Dimension

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



50.8436, 58.6124, 74.2802



69.3562, 81.5266, 106.6885



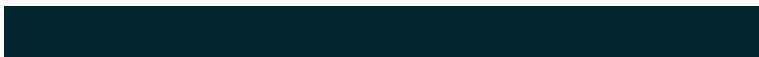
45.0174, 46.9599, 72.3382



13.2654, 14.4706, 16.7461



17.9736, 23.8166, 43.3882



1.2115, 1.6371, 2.8266

Inverse Universe

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



53.5804, 46.2668, 66.4306



74.0465, 60.8371, 93.1310



55.7853, 58.2244, 43.8968



13.5238, 13.2386, 16.0197



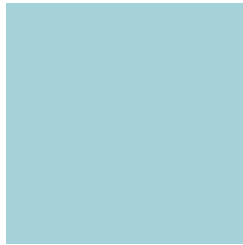
22.5676, 11.0281, 28.4325



1.4858, 0.7240, 1.9671

Previews

White Background



This preview shows how the XYZ color 50.8419, 58.6100, 74.2789 looks on a white background.

Color Contrast Check

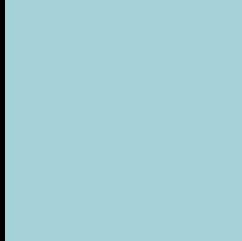
Large Text (above 18pt) WCAG AA × Fail

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 50.8419, 58.6100, 74.2789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

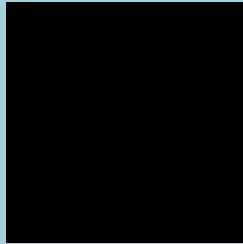
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8419, 58.6100, 74.2789

Background



This preview shows how black text looks on a background with the XYZ color 50.8419, 58.6100, 74.2789.



This preview shows how white text looks on a background with the XYZ color 50.8419, 58.6100,

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

50.8419, 58.6100, 74.2789

Protanopia

56.4995, 58.4292, 69.9281

Deuteranopia

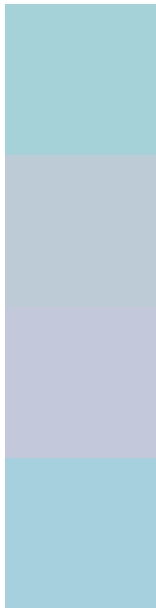
59.5848, 58.1946, 75.8024



Tritanopia

51.9468, 58.7091, 79.1151

Trichromacy



Original Color

50.8419, 58.6100, 74.2789

Protanomaly

54.1052, 58.2073, 71.3343

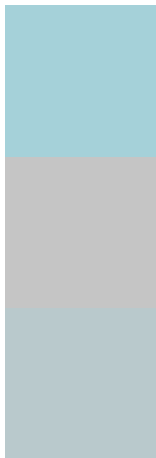
Deuteranomaly

55.9461, 58.0251, 75.2691

Tritanomaly

51.3329, 58.4392, 76.9810

Monochromacy



Original Color

50.8419, 58.6100, 74.2789

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.7933, 56.4472, 65.2923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8419, 58.6100, 74.2789 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(165, 209, 217)` looks like.

```
.text, #text, p{  
    color:rgb(165, 209, 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(165, 209, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 209, 217) }
```

Border

The CSS property to change the border of an element to XYZ 50.8419, 58.6100, 74.2789 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(165, 209, 217) }
```


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

```
.border{ border-color:rgb(165, 209, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 209, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 209, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 209, 217); box-shadow:4px 4px 4px 4px rgb(165, 209, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8419, 58.6100, 74.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 209, 217) }
```

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

```
.background{ background-color: rgb(165,  
209, 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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