

Converting Colors

XYZ(48.4788, 57.2734, 81.0240)

Have a look what the booklet for
XYZ(48.4788, 57.2734, 81.0240)
contains.

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Color

**XYZ(48.5197, 57.2580,
81.1677)**

Conversions

Conversions Part 1

Format	Color
Hex	92D1E3
RGB	146, 209, 227
RGB Percent	57%, 82%, 89%
CMY	0.4274, 0.1804, 0.1098
CMYK	0.36, 0.08, 0.00, 0.11
HSL	193°, 59%, 73%
HSV	193°, 36%, 89%
XYZ	48.5197, 57.2580, 81.1677
YIQ	192.2150, -43.3260, -7.7580

Conversions

Conversions Part 2

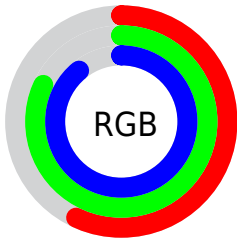
Format	Color
RYB	146, 181, 227
Decimal	9621987
CIELab	80.32, -15.59, -15.27
CIElCh	80, 21.819, 224.406
Yxy	57.2580, 0.2595, 0.3063
Android (android.graphics.Color)	4287812067 (0xFF92D1E3)
YUV	192.2150, 17.1490, -40.5306
Hunter-Lab	75.6690, -17.9649, -10.6301

Details

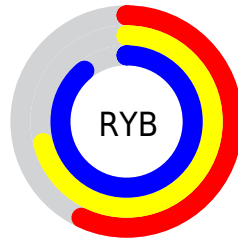
The XYZ color **48.5197, 57.2580, 81.1677** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.1433, 44.9580, 33.2306**, and the grayscale version is **50.1511, 52.7628, 57.4587**.

A 20% lighter version of the original color is **78.1671, 91.2966, 108.1099**, and **23.3164, 28.3139, 43.2660** is the 20% darker color. If you saturate the color by 10%, you get **43.6605, 52.9461, 80.5925**, and if you desaturate by 10%, it is **54.2227, 62.0657, 81.7961**.

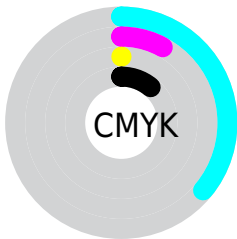
Distribution



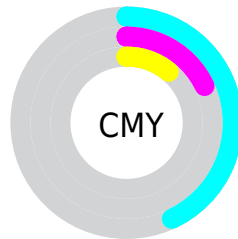
- Red (57%)
- Green (82%)
- Blue (89%)



- Red (57%)
- Yellow (71%)
- Blue (89%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (43%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5197, 57.2580, 81.1677 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 48.5197, 57.2580, 81.1677 by changing the saturation by 10% instead.

■ 48.5197, 57.2580,
81.1677

■ 48.5197, 57.2580,
81.1677

371.3968,
414.4154, 518.6696

■ 34.4516, 41.2124,
60.1479

■ 87.1827, 100.8415,
136.8324

■ 23.4053, 28.4851,
43.1118

■ 112.5083,
129.1483, 172.3144

■ 15.0154, 18.6917,
29.6408

142.3171,
162.3109, 213.4542

■ 8.9166, 11.4477,
19.3164

176.9745,
200.7137, 260.6704

■ 4.7435, 6.3688,
11.7200

216.8458,
244.7412, 314.3815

■ 2.1307, 3.0706,
6.4331

262.2964,

■ 0.7059, 1.1687,

294.7777, 375.0060

3.0372

313.6916,
351.2076, 442.9625

■ 0.0000, 0.0359,
1.1136

■ 0.0000, 0.0000,
0.0000

■ 48.5197, 57.2580,
81.1677

■ 48.5197, 57.2580,
81.1677

■ 43.6605, 52.9461,
80.5925

■ 54.2227, 62.0657,
81.7961

■ 39.5919, 49.0981,
80.0642

■ 60.8084, 67.3859,
82.4759

■ 36.2626, 45.6883,
79.5815

■ 68.3194, 73.2422,
83.2104

■ 33.6126, 42.6853,
79.1416

■ 76.7941, 79.6551,
84.0015

■ 31.5724, 40.0526,
78.7409

■ 84.5918, 85.7791,
84.7726

■ 30.0561, 37.7455,
78.3755

■ 86.0502, 88.6959,
85.2587

■ 29.5010, 36.8176,
78.2257

■ 87.5498, 91.6951,
85.7586

■ 89.0910, 94.7774,
86.2723

■ 90.6740, 97.9435,
86.8000

Harmonies

Analogous

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



46.5276, 57.2580, 68.6597



48.5197, 57.2580, 81.1677



52.1480, 57.2580, 89.1336

Triad

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



48.5197, 57.2580, 81.1677



63.1116, 57.2580, 69.1858



52.3152, 57.2580, 41.4444

Complementary

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



48.5197, 57.2580, 81.1677



50.1433, 44.9580, 33.2306

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.



56.7612, 57.2580, 41.5449



48.5197, 57.2580, 81.1677



63.1624, 57.2580, 56.4285

Square

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



48.5197, 57.2580, 81.1677



60.6493, 57.2580, 81.5980



60.7846, 57.2580, 46.6822



48.6363, 57.2580, 46.3857

Rectangle

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



48.5197, 57.2580, 81.1677



55.0838, 57.2580, 90.1936



60.7846, 57.2580, 46.6822



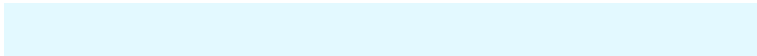
53.7655, 57.2580, 40.9135

Sweetspot

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



48.5214, 57.2603, 81.1690



83.5166, 91.1504, 107.7997



45.9848, 63.7145, 44.7853



17.5943, 19.2895, 23.0459



0.0000, 0.0000, 0.0000



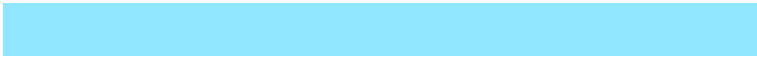
20.3446, 21.4041, 23.3091

Same Dimension

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



48.5214, 57.2603, 81.1690



58.2629, 70.2198, 105.0907



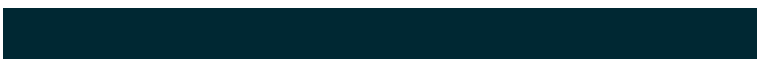
39.8993, 40.0160, 78.2950



14.5216, 15.7645, 18.4218



17.2953, 21.6527, 45.6510



1.3452, 1.7343, 3.3958

Inverse Universe

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



53.4676, 41.4937, 65.5151



65.7914, 47.3669, 81.0071



58.4728, 61.6171, 36.0071



14.8508, 14.5575, 17.4149



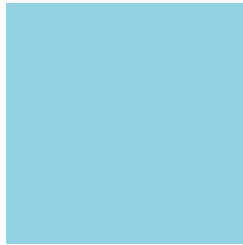
23.1234, 11.3836, 25.3424



1.7426, 0.8548, 2.0511

Previews

White Background



This preview shows how the XYZ color 48.5197, 57.2580, 81.1677 looks on a white background.

Color Contrast Check

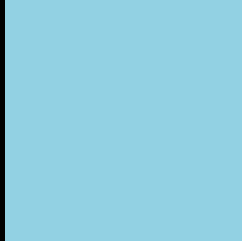
Large Text (above 18pt) WCAG AA × Fail

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 48.5197, 57.2580, 81.1677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

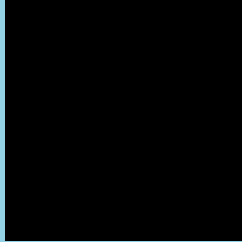
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5197, 57.2580, 81.1677

Background



This preview shows how black text looks on a background with the XYZ color 48.5197, 57.2580, 81.1677.



This preview shows how white text looks on a background with the XYZ color 48.5197, 57.2580,

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

48.5197, 57.2580, 81.1677

Protanopia

55.5174, 56.7827, 75.0519

Deuteranopia

58.2033, 56.9933, 82.7961



Tritanopia

48.3820, 57.2029, 80.4428

Trichromacy



Original Color

48.5197, 57.2580, 81.1677

Protanomaly

52.4316, 56.5122, 77.2517

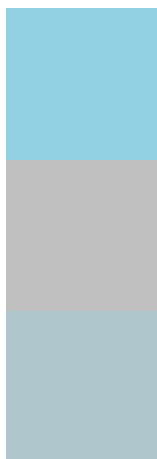
Deuteranomaly

53.8577, 56.4491, 82.1859

Tritanomaly

48.3820, 57.2029, 80.4428

Monochromacy



Original Color

48.5197, 57.2580, 81.1677

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

48.8927, 53.9099, 65.5863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5197, 57.2580, 81.1677 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(146, 209, 227)` looks like.

```
.text, #text, p{  
    color:rgb(146, 209, 227)  
}
```

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(146, 209, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 209, 227) }
```

Border

The CSS property to change the border of an element to XYZ 48.5197, 57.2580, 81.1677 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(146, 209, 227) }
```


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

```
.border{ border-color:rgb(146, 209, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 209, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 209, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 209, 227); box-shadow:4px 4px 4px 4px rgb(146, 209, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5197, 57.2580, 81.1677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 209, 227) }
```

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

```
.background{ background-color: rgb(146,  
209, 227) }
```

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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