

Converting Colors

XYZ(57.9110, 68.4059, 81.6742)

Have a look what the booklet for
XYZ(57.9110, 68.4059, 81.6742)
contains.

| | |
|--|----|
| XYZ(57.7494, 68.1709, 81.3487) | 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(57.7494, 68.1709,
81.3487)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | ADE1E1 |
| RGB | 173, 225, 225 |
| RGB Percent | 68%, 88%, 88% |
| CMY | 0.3216, 0.1176, 0.1176 |
| CMYK | 0.23, 0.00, 0.00, 0.12 |
| HSL | 180°, 46%, 78% |
| HSV | 180°, 23%, 88% |
| XYZ | 57.7494, 68.1709, 81.3487 |
| YIQ | 209.4520, -30.9920, -11.0240 |

Conversions

Conversions Part 2

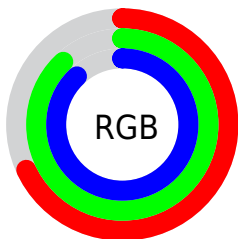
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 173, 199, 225 |
| Decimal | 11395553 |
| CIE Lab | 86.09, -16.56, -5.46 |
| CIE LCh | 86, 17.441, 198.240 |
| Yxy | 68.1709, 0.2786, 0.3289 |
| Android (android.graphics.Color) | 4289585633 (0xFFADE1E1) |
| YUV | 209.4520, 7.6652, -31.9684 |
| Hunter-Lab | 82.5657, -19.6406, -0.6201 |

Details

The XYZ color **57.7494, 68.1709, 81.3487** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.5402, 48.9138, 46.1574**, and the grayscale version is **60.8671, 64.0369, 69.7362**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **29.2382, 35.5737, 43.3556** is the 20% darker color. If you saturate the color by 10%, you get **53.1873, 65.8208, 81.1358**, and if you desaturate by 10%, it is **63.1533, 70.9584, 81.6039**.

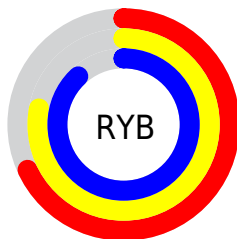
Distribution



Red (68%)

Green (88%)

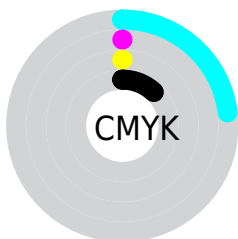
Blue (88%)



Red (68%)

Yellow (78%)

Blue (88%)

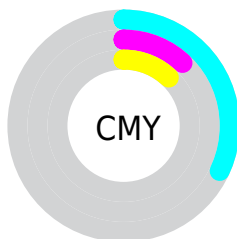


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (12%)



Cyan (32%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7494, 68.1709, 81.3487 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 57.7494, 68.1709, 81.3487 by changing the saturation by 10% instead.

■ 57.7494, 68.1709,
81.3487

■ 57.7494, 68.1709,
81.3487

406.2204,
454.1013, 519.2926

■ 41.8497, 50.0368,
60.2961

■ 100.6829,
116.5966, 137.0888

■ 29.1742, 35.4426,
43.2305

128.4474,
147.6570, 172.6133

■ 19.3576, 24.0040,
29.7333

160.8976,
183.7949, 213.7990

■ 12.0345, 15.3366,
19.3859

198.3987,
225.3947, 261.0643

■ 6.8395, 9.0560,
11.7698

241.3162,
272.8409, 314.8278

■ 3.4074, 4.7777,
6.4665

290.0154,

■ 1.3727, 2.1174,

326.5178, 375.5080

3.0574

344.8617,
386.8098, 443.5234

■ 0.2366, 0.6744,
1.1240

■ 0.0000, 0.0000,
0.0000

■ 57.7494, 68.1709,
81.3487

■ 57.7494, 68.1709,
81.3487

■ 53.1873, 65.8208,
81.1358

■ 63.1533, 70.9584,
81.6039

■ 49.4192, 63.8783,
80.9585

■ 69.4321, 74.1952,
81.8987

■ 46.4015, 62.3226,
80.8164

■ 76.6243, 77.9029,
82.2362

■ 44.0839, 61.1279,
80.7070

■ 81.7579, 80.5494,
82.4773

■ 42.4102, 60.2651,
80.6278

■ 81.7581, 80.5495,
82.4782

■ 41.3155, 59.7008,
80.5757

■ 81.7582, 80.5495,
82.4791

■ 40.7213, 59.3945,
80.5470

■ 81.7584, 80.5496,
82.4800

■ 40.5159, 59.2886,
80.5368

■ 81.7586, 80.5497,
82.4809

■ 81.7588, 80.5498,
82.4818

Harmonies

Analogous

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



57.5409, 68.1709, 69.8197



57.7494, 68.1709, 81.3487



59.7976, 68.1709, 91.9311

Triad

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



57.7494, 68.1709, 81.3487



70.7127, 68.1709, 89.9125



66.3773, 68.1709, 54.6534

Complementary

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



57.7494, 68.1709, 81.3487



53.5402, 48.9138, 46.1574

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.



70.0621, 68.1709, 58.9548



57.7494, 68.1709, 81.3487



72.6332, 68.1709, 78.8150

Square

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



57.7494, 68.1709, 81.3487



67.2357, 68.1709, 97.2156



72.3902, 68.1709, 67.5327



62.4129, 68.1709, 55.1814

Rectangle

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



57.7494, 68.1709, 81.3487



61.9801, 68.1709, 96.6617



72.3902, 68.1709, 67.5327



67.6927, 68.1709, 55.5628

Sweetspot

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



57.7514, 68.1737, 81.3502



88.7850, 96.7703, 108.6060



51.8960, 65.8537, 49.5123



18.8940, 20.6563, 23.2410



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.



57.7514, 68.1737, 81.3502



73.4808, 88.8808, 107.8872



51.4496, 55.5695, 79.2516



14.1166, 15.5724, 17.6492



23.3461, 34.1633, 46.4070



1.6182, 2.3680, 3.2167

Inverse Universe

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



53.5402, 48.9138, 46.1574



66.9078, 58.8191, 52.9569



58.8212, 59.4762, 47.9164



13.7073, 13.7006, 14.2290



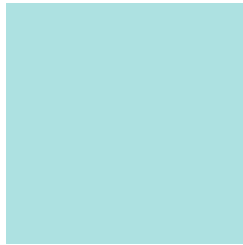
17.8932, 9.2243, 0.8377



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 57.7494, 68.1709, 81.3487 looks on a white background.

Color Contrast Check

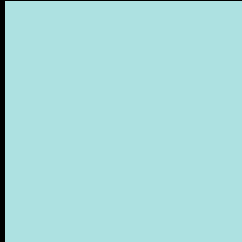
Large Text (above 18pt) WCAG AA × Fail

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 57.7494, 68.1709, 81.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

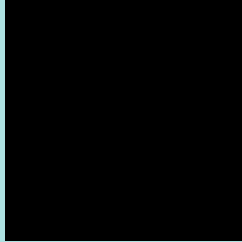
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7494, 68.1709, 81.3487

Background



This preview shows how black text looks on a background with the XYZ color 57.7494, 68.1709, 81.3487.



This preview shows how white text looks on a background with the XYZ color 57.7494, 68.1709,

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

57.7494, 68.1709, 81.3487

Protanopia

65.3167, 67.9068, 75.9944

Deuteranopia

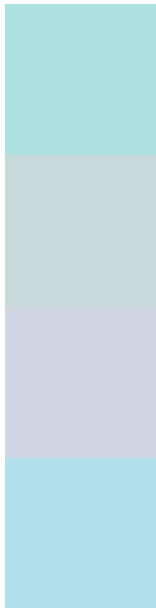
68.8726, 67.3712, 82.7728



Tritanopia

60.0203, 68.2967, 92.4573

Trichromacy



Original Color

57.7494, 68.1709, 81.3487

Protanomaly

62.2099, 67.7808, 78.2108

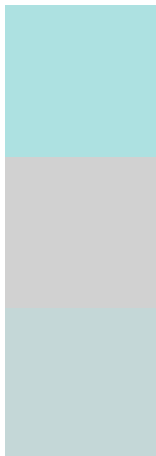
Deuteranomaly

64.2062, 67.1945, 82.2589

Tritanomaly

59.3302, 68.4234, 88.6773

Monochromacy



Original Color

57.7494, 68.1709, 81.3487

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.3311, 65.2429, 73.7560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7494, 68.1709, 81.3487 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(173, 225, 225)` looks like.

```
.text, #text, p{  
    color:rgb(173, 225, 225)  
}
```

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(173, 225, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 225, 225) }
```

Border

The CSS property to change the border of an element to XYZ 57.7494, 68.1709, 81.3487 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(173, 225, 225) }
```


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

```
.border{ border-color:rgb(173, 225, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 225, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 225, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 225, 225);  
box-shadow:4px 4px 4px 4px rgb(173, 225,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7494, 68.1709, 81.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 225, 225) }
```

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

```
.background{ background-color: rgb(173,  
225, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor