

Converting Colors

XYZ(50.5121, 57.3182, 86.4959)

Have a look what the booklet for
XYZ(50.5121, 57.3182, 86.4959)
contains.

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Color

**XYZ(50.4905, 57.4362,
86.2671)**

Conversions

Conversions Part 1

Format	Color
Hex	9ACFEA
RGB	154, 207, 234
RGB Percent	60%, 81%, 92%
CMY	0.3961, 0.1882, 0.0823
CMYK	0.34, 0.12, 0.00, 0.08
HSL	200°, 66%, 76%
HSV	200°, 34%, 92%
XYZ	50.4905, 57.4362, 86.2671
YIQ	194.2310, -40.2550, -2.8390

Conversions

Conversions Part 2

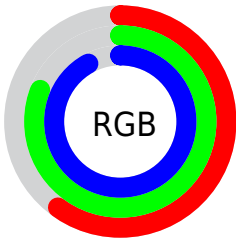
Format	Color
RYB	154, 186, 234
Decimal	10145770
CIELab	80.42, -10.68, -18.82
CIELCh	80, 21.636, 240.423
Yxy	57.4362, 0.2600, 0.2958
Android (android.graphics.Color)	4288335850 (0xFF9ACFEA)
YUV	194.2310, 19.6061, -35.2826
Hunter-Lab	75.7867, -13.7066, -14.4385

Details

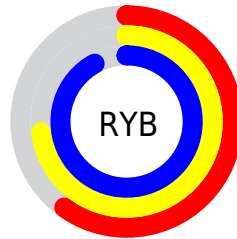
The XYZ color **50.4905, 57.4362, 86.2671** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.2892, 52.8739, 37.8122**, and the grayscale version is **51.3210, 53.9936, 58.7991**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **24.6826, 28.7061, 46.3594** is the 20% darker color. If you saturate the color by 10%, you get **44.5982, 51.6303, 85.4580**, and if you desaturate by 10%, it is **57.3502, 63.8855, 87.1514**.

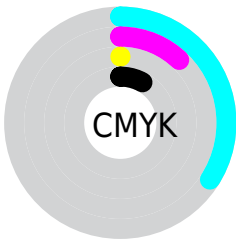
Distribution



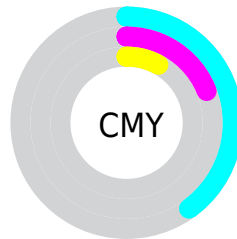
- Red (60%)
- Green (81%)
- Blue (92%)



- Red (60%)
- Yellow (73%)
- Blue (92%)



- Cyan (34%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (40%)
- Magenta (19%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4905, 57.4362, 86.2671 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 50.4905, 57.4362, 86.2671 by changing the saturation by 10% instead.

■ 50.4905, 57.4362,
86.2671

■ 50.4905, 57.4362,
86.2671

379.0014,
415.0818, 536.0651

■ 36.0227, 41.3556,
64.3327

■ 90.0887, 101.1014,
144.0320

■ 24.6219, 28.5970,
46.4723

■ 115.9498,
129.4547, 180.6996

■ 15.9228, 18.7762,
32.2673

146.3393,
162.6677, 223.1153

■ 9.5601, 11.5087,
21.2993

181.6226,
201.1248, 271.6977

■ 5.1683, 6.4101,
13.1496

222.1652,
245.2104, 326.8654

■ 2.3821, 3.0960,
7.3997

268.3322,

■ 0.8362, 1.1821,

295.3088, 389.0368

3.6311

320.4892,
351.8045, 458.6305

■ 0.0000, 0.0470,
1.4252

■ 0.0000, 0.0000,
0.1613

■ 50.4905, 57.4362,
86.2671

■ 50.4905, 57.4362,
86.2671

■ 44.5982, 51.6303,
85.4580

■ 57.3502, 63.8855,
87.1514

■ 39.6159, 46.4322,
84.7173

■ 65.2198, 70.9983,
88.1095

■ 35.4881, 41.8125,
84.0431

■ 74.1457, 78.8016,
89.1453

■ 32.1504, 37.7359,
83.4322

■ 84.1697, 87.3190,
90.2610

■ 29.5285, 34.1619,
82.8805

■ 89.1961, 93.4099,
91.1717

■ 27.5318, 31.0415,
82.3835

■ 91.6559, 98.3294,
91.9916

■ 26.5781, 29.3937,
82.1157

■ 91.8515, 98.7206,
92.0568

Harmonies

Analogous

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



47.5649, 57.4362, 75.7350



50.4905, 57.4362, 86.2671



54.6544, 57.4362, 90.2691

Triad

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



50.4905, 57.4362, 86.2671



63.5681, 57.4362, 62.3581



50.3870, 57.4362, 43.7582

Complementary

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



50.4905, 57.4362, 86.2671



56.2892, 52.8739, 37.8122

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.



54.5284, 57.4362, 41.1622



50.4905, 57.4362, 86.2671



62.2779, 57.4362, 50.9711

Square

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



50.4905, 57.4362, 86.2671



62.3467, 57.4362, 75.3806



58.9085, 57.4362, 43.6162



47.5074, 57.4362, 51.2442

Rectangle

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



50.4905, 57.4362, 86.2671



57.6207, 57.4362, 88.3239



58.9085, 57.4362, 43.6162



51.6701, 57.4362, 42.3339

Sweetspot

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



50.4923, 57.4385, 86.2684



83.5987, 90.1121, 107.5950



51.0568, 69.0394, 54.1733



17.5720, 19.0051, 22.9922



0.0000, 0.0000, 0.0000



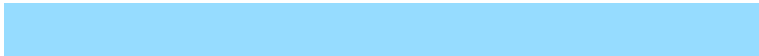
20.3446, 21.4041, 23.3091

Same Dimension

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



50.4923, 57.4385, 86.2684



56.2296, 64.7847, 104.1488



42.0589, 40.5717, 83.4573



15.0647, 16.2159, 19.2582



15.0561, 16.7591, 46.1843



1.2705, 1.4925, 3.6560

Inverse Universe

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



56.7512, 45.1101, 64.7500



65.0991, 48.3689, 73.4187



65.5341, 71.3638, 40.8938



15.4862, 15.2223, 17.8457



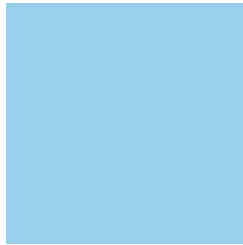
22.4549, 11.1847, 18.7287



1.8078, 0.8961, 1.7053

Previews

White Background



This preview shows how the XYZ color 50.4905, 57.4362, 86.2671 looks on a white background.

Color Contrast Check

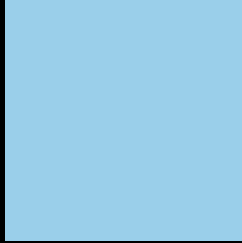
Large Text (above 18pt) WCAG AA × Fail

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 50.4905, 57.4362, 86.2671 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 50.4905, 57.4362, 86.2671

Background



This preview shows how black text looks on a background with the XYZ color 50.4905, 57.4362, 86.2671.



This preview shows how white text looks on a background with the XYZ color 50.4905, 57.4362,

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

50.4905, 57.4362, 86.2671

Protanopia

56.2180, 57.0033, 81.4385

Deuteranopia

58.3973, 56.9774, 88.0406



Tritanopia

49.0954, 57.2234, 79.6918

Trichromacy



Original Color

50.4905, 57.4362, 86.2671

Protanomaly

53.7600, 57.0702, 83.0451

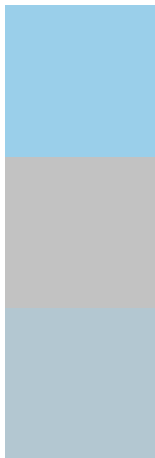
Deuteranomaly

55.0922, 56.9703, 87.4496

Tritanomaly

49.6963, 57.4855, 81.8753

Monochromacy



Original Color

50.4905, 57.4362, 86.2671

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.5225, 55.0340, 68.2814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4905, 57.4362, 86.2671 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(154, 207, 234)` looks like.

```
.text, #text, p{  
    color:rgb(154, 207, 234)  
}
```

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(154, 207, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 207, 234) }
```

Border

The CSS property to change the border of an element to XYZ 50.4905, 57.4362, 86.2671 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(154, 207, 234) }
```


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

```
.border{ border-color:rgb(154, 207, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 207, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 207, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 207, 234);  
box-shadow:4px 4px 4px 4px rgb(154, 207,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4905, 57.4362, 86.2671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 207, 234) }
```

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

```
.background{ background-color: rgb(154,  
207, 234) }
```

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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