

Converting Colors

XYZ(52.4402, 59.6386, 81.4274)

Have a look what the booklet for
XYZ(52.4402, 59.6386, 81.4274)
contains.

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Color

**XYZ(52.4288, 59.6386,
81.4212)**

Conversions

Conversions Part 1

Format	Color
Hex	A5D2E3
RGB	165, 210, 227
RGB Percent	65%, 82%, 89%
CMY	0.3529, 0.1765, 0.1098
CMYK	0.27, 0.07, 0.00, 0.11
HSL	196°, 53%, 77%
HSV	196°, 27%, 89%
XYZ	52.4288, 59.6386, 81.4212
YIQ	198.4830, -32.2770, -4.2530

Conversions

Conversions Part 2

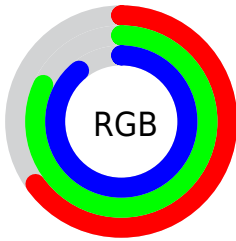
Format	Color
R _{YB}	165, 191, 227
Decimal	10867427
CIE Lab	81.64, -10.81, -13.19
CIE LCh	82, 17.049, 230.659
Yxy	59.6386, 0.2710, 0.3082
Android (android.graphics.Color)	4289057507 (0xFFA5D2E3)
YUV	198.4830, 14.0589, -29.3646
Hunter-Lab	77.2260, -13.9618, -8.4526

Details

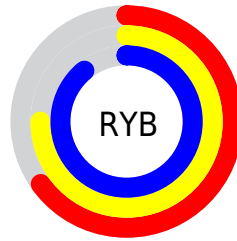
The XYZ color **52.4288, 59.6386, 81.4212** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.1988, 52.5039, 42.8237**, and the grayscale version is **53.9030, 56.7102, 61.7574**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **25.8904, 30.1350, 43.4818** is the 20% darker color. If you saturate the color by 10%, you get **46.6135, 54.4053, 80.7186**, and if you desaturate by 10%, it is **59.1455, 65.4282, 82.1857**.

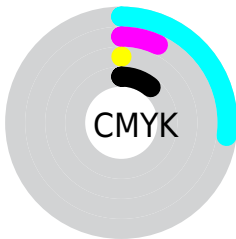
Distribution



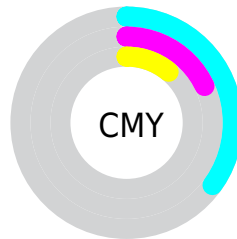
- Red (65%)
- Green (82%)
- Blue (89%)



- Red (65%)
- Yellow (75%)
- Blue (89%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (35%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4288, 59.6386, 81.4212 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 52.4288, 59.6386, 81.4212 by changing the saturation by 10% instead.

■ 52.4288, 59.6386,
81.4212

■ 52.4288, 59.6386,
81.4212

386.3866,
423.2644, 519.5421

■ 37.5726, 43.1274,
60.3555

■ 92.9338, 104.3052,
137.1914

■ 25.8269, 29.9851,
43.2781

■ 119.3134,
133.2295, 172.7330

■ 16.8262, 19.8273,
29.7704

150.2647,
167.0601, 213.9371

■ 10.2052, 12.2695,
19.4138

186.1533,
206.1817, 261.2220

■ 5.5985, 6.9275,
11.7898

227.3444,
250.9785, 315.0065

■ 2.6408, 3.4168,
6.4799

274.2034,

■ 0.9668, 1.3530,

301.8350, 375.7089

3.0656

327.0957,
359.1354, 443.7480

■ 0.0000, 0.1817,
1.1282

■ 0.0000, 0.0000,
0.0000

■ 52.4288, 59.6386,
81.4212

■ 52.4288, 59.6386,
81.4212

■ 46.6135, 54.4053,
80.7186

■ 59.1455, 65.4282,
82.1857

■ 41.6491, 49.6969,
80.0714

■ 66.7998, 71.7894,
83.0101

■ 37.4884, 45.4896,
79.4786

■ 75.4326, 78.7457,
83.8978

■ 34.0771, 41.7542,
78.9374

■ 84.7844, 86.1643,
84.8368

■ 31.3535, 38.4580,
78.4447

■ 86.5965, 89.7885,
85.4409

■ 29.2456, 35.5628,
77.9970

■ 88.4716, 93.5386,
86.0659

■ 27.6581, 33.0183,
77.5895

■ 90.4102, 97.4158,
86.7121

■ 27.2785, 32.3725,
77.4849

■ 90.8653, 98.3261,
86.8638

Harmonies

Analogous

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



50.4800, 59.6386, 72.1488



52.4288, 59.6386, 81.4212



55.5739, 59.6386, 86.4144

Triad

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



52.4288, 59.6386, 81.4212



63.7576, 59.6386, 68.1913



54.2888, 59.6386, 48.1698

Complementary

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



52.4288, 59.6386, 81.4212



55.1988, 52.5039, 42.8237

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.



57.8102, 59.6386, 47.3492



52.4288, 59.6386, 81.4212



63.3781, 59.6386, 58.2213

Square

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



52.4288, 59.6386, 81.4212



62.1812, 59.6386, 78.2635



61.1649, 59.6386, 50.8417



51.5220, 59.6386, 53.2151

Rectangle

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



52.4288, 59.6386, 81.4212



57.9685, 59.6386, 86.3190



61.1649, 59.6386, 50.8417



55.4200, 59.6386, 47.4131

Sweetspot

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



52.4306, 59.6410, 81.4226



86.1807, 92.8175, 107.9811



51.3827, 66.2968, 54.0933



18.1091, 19.5897, 23.0767



0.0000, 0.0000, 0.0000



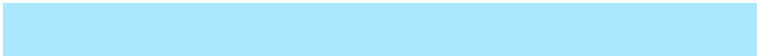
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4306, 59.6410, 81.4226



63.6487, 73.5347, 105.4467



45.5973, 45.9744, 79.1448



14.4558, 15.6331, 18.3999



16.0108, 19.0837, 45.2228



1.2597, 1.5633, 3.3673

Inverse Universe

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



56.7680, 47.8958, 67.2283



70.3301, 56.1514, 83.4231



62.1483, 66.4028, 45.1402



14.8177, 14.5443, 17.2402



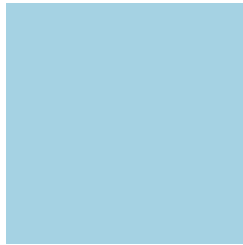
22.4750, 11.1242, 21.9282



1.6995, 0.8375, 1.8238

Previews

White Background



This preview shows how the XYZ color 52.4288, 59.6386, 81.4212 looks on a white background.

Color Contrast Check

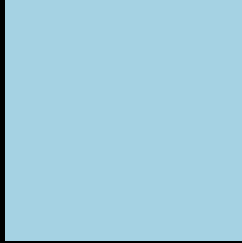
Large Text (above 18pt) WCAG AA × Fail

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 52.4288, 59.6386, 81.4212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

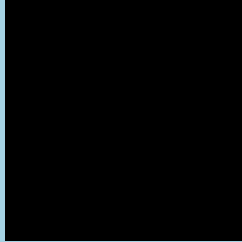
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4288, 59.6386, 81.4212

Background



This preview shows how black text looks on a background with the XYZ color 52.4288, 59.6386, 81.4212.



This preview shows how white text looks on a background with the XYZ color 52.4288, 59.6386,

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

52.4288, 59.6386, 81.4212

Protanopia

57.7572, 59.2731, 76.8033

Deuteranopia

60.5437, 59.2010, 83.0988



Tritanopia

52.4288, 59.6386, 81.4212

Trichromacy



Original Color

52.4288, 59.6386, 81.4212

Protanomaly

55.4057, 59.0782, 78.2951

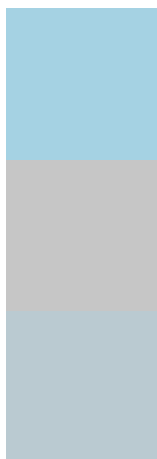
Deuteranomaly

57.2557, 59.2357, 82.5447

Tritanomaly

52.4288, 59.6386, 81.4212

Monochromacy



Original Color

52.4288, 59.6386, 81.4212

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.8789, 57.2836, 68.5914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4288, 59.6386, 81.4212 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, 210, 227)` looks like.

```
.text, #text, p{  
    color:rgb(165, 210, 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(165, 210, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 210, 227) }
```

Border

The CSS property to change the border of an element to XYZ 52.4288, 59.6386, 81.4212 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, 210, 227) }
```


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

```
.border{ border-color:rgb(165, 210, 227) }
```

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

Here you see how a box with a 4 pixel rgb(165, 210, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 210, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 210, 227);  
box-shadow:4px 4px 4px 4px rgb(165, 210,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4288, 59.6386, 81.4212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 210, 227) }
```

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

```
.background{ background-color: rgb(165,  
210, 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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