

Converting Colors

XYZ(52.6314, 58.6897, 75.7896)

Have a look what the booklet for
XYZ(52.6314, 58.6897, 75.7896)
contains.

XYZ(52.5546, 58.7388, 75.5856)	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(52.5546, 58.7388,
75.5856)**

Conversions

Conversions Part 1

Format	Color
Hex	AECFDB
RGB	174, 207, 219
RGB Percent	68%, 81%, 86%
CMY	0.3176, 0.1882, 0.1412
CMYK	0.21, 0.05, 0.00, 0.14
HSL	196°, 38%, 77%
HSV	196°, 21%, 86%
XYZ	52.5546, 58.7388, 75.5856
YIQ	198.5010, -23.5200, -3.2640

Conversions

Conversions Part 2

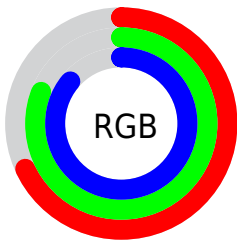
Format	Color
RYB	174, 193, 219
Decimal	11456475
CIELab	81.15, -8.35, -9.59
CIELCh	81, 12.719, 228.949
Yxy	58.7388, 0.2812, 0.3143
Android (android.graphics.Color)	4289646555 (0xFFFAECFDB)
YUV	198.5010, 10.1060, -21.4874
Hunter-Lab	76.6412, -11.7208, -4.8245

Details

The XYZ color **52.5546, 58.7388, 75.5856** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.4129, 53.2341, 47.4531**, and the grayscale version is **53.9334, 56.7422, 61.7922**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **25.9772, 29.5277, 39.4522** is the 20% darker color. If you saturate the color by 10%, you get **46.6797, 53.6503, 74.9140**, and if you desaturate by 10%, it is **59.2808, 64.3468, 76.3145**.

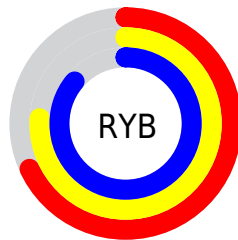
Distribution



Red (68%)

Green (81%)

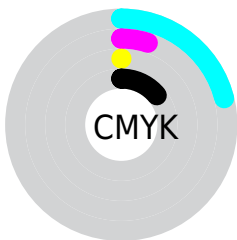
Blue (86%)



Red (68%)

Yellow (76%)

Blue (86%)

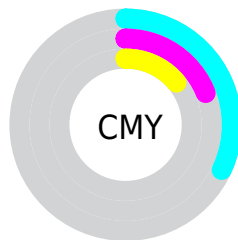


Cyan (21%)

Magenta (5%)

Yellow (0%)

Black (14%)



Cyan (32%)

Magenta (19%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5546, 58.7388, 75.5856 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 52.5546, 58.7388, 75.5856 by changing the saturation by 10% instead.

■ 52.5546, 58.7388,
75.5856

■ 52.5546, 58.7388,
75.5856

386.8628,
419.9333, 499.2370

■ 37.6734, 42.4029,
55.5881

■ 93.1180, 102.9979,
128.8957

■ 25.9053, 29.4169,
39.4710

119.5310,
131.6900, 163.0454

■ 16.8852, 19.3964,
26.8157

150.5185,
165.2695, 202.7496

■ 10.2474, 11.9571,
17.2037

186.4460,
204.1209, 248.4268

■ 5.6268, 6.7145,
10.2163

227.6788,
248.6286, 300.4956

■ 2.6580, 3.2842,
5.4351

274.5824,

■ 0.9756, 1.2818,

299.1769, 359.3746

2.4416

327.5219,
356.1504, 425.4822

■ 0.0000, 0.1271,
0.8090

■ 0.0000, 0.0000,
0.0000

■ 52.5546, 58.7388,
75.5856

■ 52.5546, 58.7388,
75.5856

■ 46.6797, 53.6503,
74.9140

■ 59.2808, 64.3468,
76.3145

■ 41.6117, 49.0531,
74.2938

■ 66.8895, 70.4868,
77.0986

■ 37.3102, 44.9271,
73.7241

■ 75.4166, 77.1795,
77.9410

■ 33.7289, 41.2474,
73.2026

■ 82.4233, 83.1684,
78.7277

■ 30.8162, 37.9867,
72.7267

■ 84.0789, 86.4797,
79.2796

■ 28.5131, 35.1137,
72.2936

■ 85.7895, 89.9008,
79.8498

■ 26.7497, 32.5914,
71.8997

■ 87.5556, 93.4330,
80.4385

■ 25.4638, 30.4693,
71.5578

■ 89.3777, 97.0772,
81.0458

■ 89.7864, 97.8945,
81.1820

Harmonies

Analogous

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



51.1546, 58.7388, 68.8056



52.5546, 58.7388, 75.5856



54.8600, 58.7388, 79.3488

Triad

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



52.5546, 58.7388, 75.5856



60.9729, 58.7388, 66.7902



54.1936, 58.7388, 51.1421

Complementary

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



52.5546, 58.7388, 75.5856



54.4129, 53.2341, 47.4531

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.



56.8103, 58.7388, 50.6959



52.5546, 58.7388, 75.5856



60.7808, 58.7388, 59.3409

Square

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



52.5546, 58.7388, 75.5856



59.7546, 58.7388, 74.0103



59.2376, 58.7388, 53.5860



52.0801, 58.7388, 54.8572

Rectangle

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



52.5546, 58.7388, 75.5856



56.6246, 58.7388, 79.4560



59.2376, 58.7388, 53.5860



55.0418, 58.7388, 50.6165

Sweetspot

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



52.5563, 58.7412, 75.5869



88.3559, 94.6377, 108.2178



51.5716, 63.1762, 55.5148



18.7619, 20.1351, 23.1476



0.0000, 0.0000, 0.0000



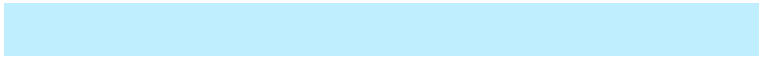
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5563, 58.7412, 75.5869



70.1744, 79.4800, 106.2503



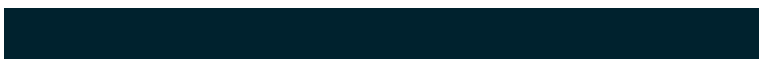
47.6443, 48.9171, 73.9496



13.1359, 14.2116, 16.7029



15.1929, 18.2553, 42.4613



1.0536, 1.3213, 2.7740

Inverse Universe

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



55.6134, 49.8386, 65.7228



75.3585, 64.8040, 89.4283



59.3494, 63.1071, 49.0986



13.4585, 13.2125, 15.6756



21.1640, 10.4666, 21.0415



1.4061, 0.6921, 1.5475

Previews

White Background



This preview shows how the XYZ color 52.5546, 58.7388, 75.5856 looks on a white background.

Color Contrast Check

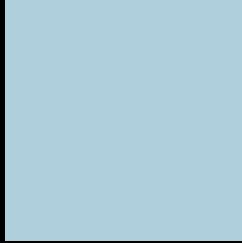
Large Text (above 18pt) WCAG AA × Fail

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 52.5546, 58.7388, 75.5856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

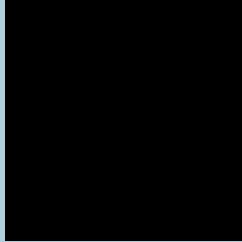
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

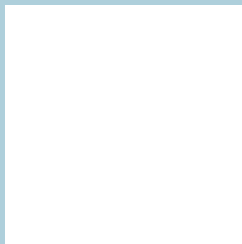
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5546, 58.7388, 75.5856

Background



This preview shows how black text looks on a background with the XYZ color 52.5546, 58.7388, 75.5856.

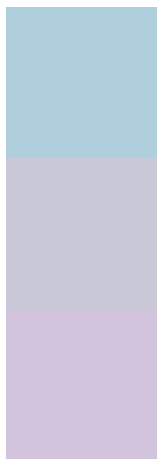


This preview shows how white text looks on a background with the XYZ color 52.5546, 58.7388,

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

52.5546, 58.7388, 75.5856

Protanopia

57.0074, 58.6324, 72.6025

Deuteranopia

59.6550, 58.5492, 76.5636



Tritanopia

53.0698, 58.5843, 78.3229

Trichromacy



Original Color

52.5546, 58.7388, 75.5856

Protanomaly

55.2365, 58.7461, 73.3936

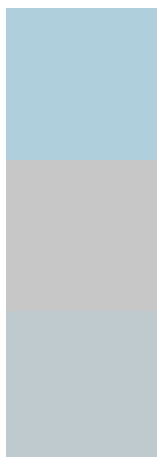
Deuteranomaly

56.8612, 58.4816, 76.0013

Tritanomaly

52.9353, 58.5305, 77.6148

Monochromacy



Original Color

52.5546, 58.7388, 75.5856

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.4963, 57.6444, 66.6995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5546, 58.7388, 75.5856 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(174, 207, 219)` looks like.

```
.text, #text, p{  
    color:rgb(174, 207, 219)  
}
```

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(174, 207, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 207, 219) }
```

Border

The CSS property to change the border of an element to XYZ 52.5546, 58.7388, 75.5856 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(174, 207, 219) }
```


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

```
.border{ border-color:rgb(174, 207, 219) }
```

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

Here you see how a box with a 4 pixel rgb(174, 207, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 207, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 207, 219);  
box-shadow:4px 4px 4px 4px rgb(174, 207,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5546, 58.7388, 75.5856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 207, 219) }
```

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

```
.background{ background-color: rgb(174,  
207, 219) }
```

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