

Converting Colors

XYZ(54.4843, 56.2048, 92.4058)

Have a look what the booklet for
XYZ(54.4843, 56.2048, 92.4058)
contains.

XYZ(54.5032, 56.2063, 92.7703)	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(54.5032, 56.2063,
92.7703)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C6F3
RGB	177, 198, 243
RGB Percent	69%, 78%, 95%
CMY	0.3059, 0.2235, 0.0471
CMYK	0.27, 0.19, 0.00, 0.05
HSL	221°, 73%, 82%
HSV	221°, 27%, 95%
XYZ	54.5032, 56.2063, 92.7703
YIQ	196.8510, -26.9610, 9.5430

Conversions

Conversions Part 2

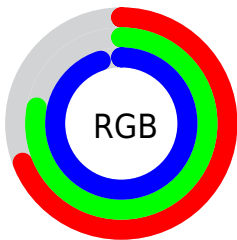
Format	Color
RYB	177, 193, 243
Decimal	11650803
CIELab	79.73, 2.76, -24.55
CIELCh	80, 24.705, 276.424
Yxy	56.2063, 0.2679, 0.2762
Android (android.graphics.Color)	4289840883 (0xFFB1C6F3)
YUV	196.8510, 22.7515, -17.4093
Hunter-Lab	74.9709, -1.4310, -20.8869

Details

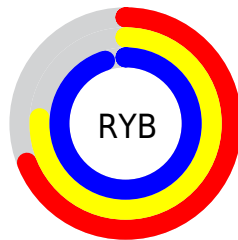
The XYZ color **54.5032, 56.2063, 92.7703** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.0201, 74.4722, 52.2280**, and the grayscale version is **52.8613, 55.6142, 60.5638**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **27.1113, 27.7453, 50.9402** is the 20% darker color. If you saturate the color by 10%, you get **45.8714, 46.4399, 91.3411**, and if you desaturate by 10%, it is **64.5384, 67.3137, 94.3863**.

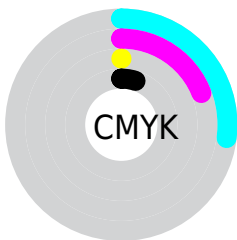
Distribution



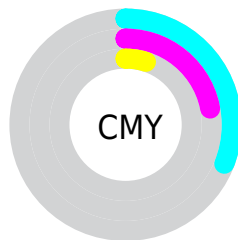
- Red (69%)
- Green (78%)
- Blue (95%)



- Red (69%)
- Yellow (76%)
- Blue (95%)



- Cyan (27%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)



- Cyan (31%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5032, 56.2063, 92.7703 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 54.5032, 56.2063, 92.7703 by changing the saturation by 10% instead.

■ 54.5032, 56.2063,
92.7703

■ 54.5032, 56.2063,
92.7703

394.1931,
410.4685, 557.8029

■ 39.2364, 40.3684,
69.6940

■ 95.9653, 99.3061,
153.1495

■ 27.1252, 27.8259,
50.8018

122.8912,
127.3368, 191.2895

■ 17.8044, 18.1944,
35.6753

154.4342,
160.2006, 235.2878

■ 10.9085, 11.0897,
23.8958

190.9597,
198.2817, 285.5630

■ 6.0721, 6.1272,
15.0449

232.8330,
241.9647, 342.5335

■ 2.9301, 2.9226,
8.7039

280.4194,

■ 1.1169, 1.0914,

291.6339, 406.6180

4.4544

334.0843,
347.6737, 478.2349

■ 0.0392, 0.0000,
1.8778

■ 0.0000, 0.0000,
0.4785

■ 54.5032, 56.2063,
92.7703

■ 54.5032, 56.2063,
92.7703

■ 45.8714, 46.4399,
91.3411

■ 64.5384, 67.3137,
94.3863

■ 38.5720, 37.9544,
90.0879

■ 76.0326, 79.8058,
96.1917

■ 32.5358, 30.6945,
89.0048

■ 89.0451, 93.7322,
98.1939

■ 27.6845, 24.5981,
88.0838

■ 93.1778, 99.2511,
99.0414

■ 23.9306, 19.5967,
87.3162

■ 21.1728, 15.6131,
86.6927

■ 19.2837, 12.5547,
86.2019

■ 18.8544, 11.8242,
86.0836

Harmonies

Analogous

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



49.6757, 56.2063, 89.9992



54.5032, 56.2063, 92.7703



59.3247, 56.2063, 86.0813

Triad

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



54.5032, 56.2063, 92.7703



61.5212, 56.2063, 46.2895



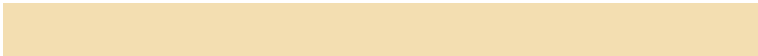
45.1017, 56.2063, 50.8527

Complementary

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



54.5032, 56.2063, 92.7703



71.0201, 74.4722, 52.2280

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.



47.9252, 56.2063, 41.6432



54.5032, 56.2063, 92.7703



57.3529, 56.2063, 39.3096

Square

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



54.5032, 56.2063, 92.7703



63.5361, 56.2063, 58.1756



52.3560, 56.2063, 37.7514



44.4433, 56.2063, 64.3256

Rectangle

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



54.5032, 56.2063, 92.7703



61.8223, 56.2063, 77.6898



52.3560, 56.2063, 37.7514



45.8201, 56.2063, 47.2245

Sweetspot

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



54.5050, 56.2085, 92.7716



83.6614, 87.7788, 107.1413



63.2345, 78.6700, 80.2599



17.4747, 18.3211, 22.8653



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.



54.5050, 56.2085, 92.7716



54.9208, 56.0788, 102.5374



52.6404, 48.6084, 91.4029



16.0115, 16.7873, 20.9389



10.4549, 6.7035, 47.2809



1.0076, 0.7665, 4.1851

Inverse Universe

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



62.8788, 54.5778, 60.6489



65.9246, 54.3892, 60.2241



73.2663, 84.4324, 54.0322



16.7164, 16.5694, 18.2531



21.0816, 10.7761, 5.1383



1.8976, 0.9650, 0.6873

Previews

White Background



This preview shows how the XYZ color 54.5032, 56.2063, 92.7703 looks on a white background.

Color Contrast Check

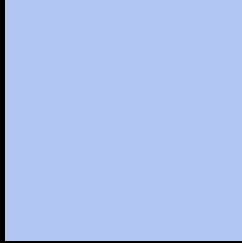
Large Text (above 18pt) WCAG AA × Fail

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 54.5032, 56.2063, 92.7703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

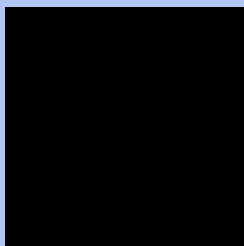
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5032, 56.2063, 92.7703

Background



This preview shows how black text looks on a background with the XYZ color 54.5032, 56.2063, 92.7703.



This preview shows how white text looks on a background with the XYZ color 54.5032, 56.2063,

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

54.5032, 56.2063, 92.7703

Protanopia

55.8858, 55.9459, 91.0722

Deuteranopia

57.3914, 56.0090, 93.3739



Tritanopia

50.7887, 56.0737, 74.4761

Trichromacy



Original Color

54.5032, 56.2063, 92.7703

Protanomaly

55.2954, 55.9579, 91.8910

Deuteranomaly

56.3378, 56.1267, 93.4522

Tritanomaly

52.2073, 56.3180, 80.7919

Monochromacy



Original Color

54.5032, 56.2063, 92.7703

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.3391, 55.7347, 71.5649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5032, 56.2063, 92.7703 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(177, 198, 243)` looks like.

```
.text, #text, p{  
    color:rgb(177, 198, 243)  
}
```

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(177, 198, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 198, 243) }
```

Border

The CSS property to change the border of an element to XYZ 54.5032, 56.2063, 92.7703 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(177, 198, 243) }
```


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

```
.border{ border-color:rgb(177, 198, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 198, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 198, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 198, 243);  
box-shadow:4px 4px 4px 4px rgb(177, 198,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5032, 56.2063, 92.7703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 198, 243) }
```

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

```
.background{ background-color: rgb(177,  
198, 243) }
```

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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