

Converting Colors

XYZ(54.3905, 52.2334, 86.2392)

Have a look what the booklet for
XYZ(54.3905, 52.2334, 86.2392)
contains.

XYZ(54.4375, 52.3804, 86.5981)	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(54.4375, 52.3804,
86.5981)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BAEC
RGB	192, 186, 236
RGB Percent	75%, 73%, 93%
CMY	0.2470, 0.2706, 0.0745
CMYK	0.19, 0.21, 0.00, 0.07
HSL	247°, 57%, 83%
HSV	247°, 21%, 93%
XYZ	54.4375, 52.3804, 86.5981
YIQ	193.4940, -12.4740, 16.8220

Conversions

Conversions Part 2

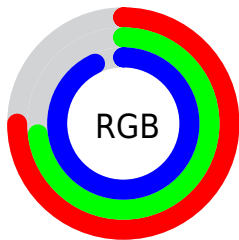
Format	Color
R_{YB}	192, 186, 236
Decimal	12630764
CIE _{Lab}	77.51, 12.18, -24.08
CIE _{LCh}	78, 26.987, 296.831
Yxy	52.3804, 0.2815, 0.2708
Android (android.graphics.Color)	4290820844 (0xFFC0BAEC)
YUV	193.4940, 20.9555, -1.3102
Hunter-Lab	72.3743, 7.6066, -20.2803

Details

The XYZ color **54.4375, 52.3804, 86.5981** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.4930, 80.3603, 58.1996**, and the grayscale version is **50.8664, 53.5154, 58.2782**.

A 20% lighter version of the original color is **88.8691, 90.8640, 107.4623**, and **27.1070, 25.4736, 46.6682** is the 20% darker color. If you saturate the color by 10%, you get **44.9777, 40.7237, 84.8476**, and if you desaturate by 10%, it is **65.4637, 66.0661, 88.6594**.

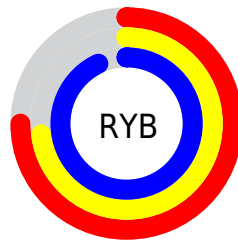
Distribution



Red (75%)

Green (73%)

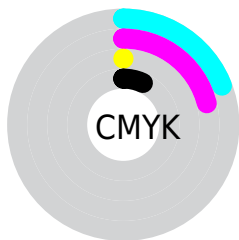
Blue (93%)



Red (75%)

Yellow (73%)

Blue (93%)

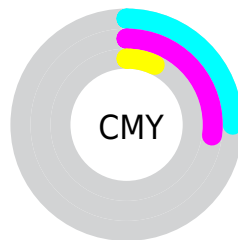


Cyan (19%)

Magenta (21%)

Yellow (0%)

Black (7%)



Cyan (25%)

Magenta (27%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4375, 52.3804, 86.5981 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 54.4375, 52.3804, 86.5981 by changing the saturation by 10% instead.

■ 54.4375, 52.3804,
86.5981

■ 54.4375, 52.3804,
86.5981

393.9473,
395.9034, 537.1832

■ 39.1836, 37.3084,
64.6049

■ 95.8695, 93.6920,
144.4977

■ 27.0840, 25.4463,
46.6915

122.7782,
120.7004, 181.2413

■ 17.7732, 16.4099,
32.4392

154.3027,
152.4563, 223.7388

■ 10.8860, 9.8147,
21.4296

190.8081,
189.3442, 272.4086

■ 6.0569, 5.2763,
13.2441

232.6600,
231.7485, 327.6695

■ 2.9207, 2.4102,
7.4642

280.2235,

■ 1.1120, 0.8312,

280.0535, 389.9398

3.6712

333.8642,
334.6437, 459.6382

■ 0.0351, 0.0000,
1.4468

■ 0.0000, 0.0000,
0.1778

■ 54.4375, 52.3804,
86.5981

■ 54.4375, 52.3804,
86.5981

■ 44.9777, 40.7237,
84.8476

■ 65.4637, 66.0661,
88.6594

■ 37.0083, 30.9930,
83.3894

■ 78.1180, 81.8644,
91.0418

■ 30.4540, 23.0861,
82.2087

■ 91.8865, 98.7053,
93.5668

■ 25.2313, 16.8887,
81.2877

■ 92.1405, 98.8362,
93.5787

■ 21.2475, 12.2734,
80.6068

■ 18.3979, 9.0949,
80.1435

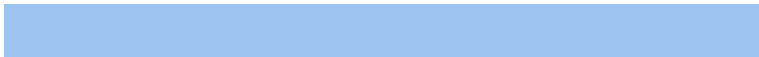
■ 16.5600, 7.1807,
79.8709

■ 15.6280, 6.3075,
79.7515

Harmonies

Analogous

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



49.2351, 52.3804, 90.6758



54.4375, 52.3804, 86.5981



58.6348, 52.3804, 74.1819

Triad

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



54.4375, 52.3804, 86.5981



55.4603, 52.3804, 36.2619



40.4535, 52.3804, 55.4644

Complementary

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



54.4375, 52.3804, 86.5981



71.4930, 80.3603, 58.1996

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.



41.8755, 52.3804, 42.7549



54.4375, 52.3804, 86.5981



50.3410, 52.3804, 32.9499

Square

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



54.4375, 52.3804, 86.5981



59.2536, 52.3804, 45.0585



45.4073, 52.3804, 35.1036



41.3847, 52.3804, 70.9616

Rectangle

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



54.4375, 52.3804, 86.5981



60.1720, 52.3804, 63.8106



45.4073, 52.3804, 35.1036



40.6696, 52.3804, 50.7538

Sweetspot

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



54.4392, 52.3825, 86.5993



85.5806, 88.1589, 107.1135



63.7348, 73.1830, 90.1242



18.1065, 18.6059, 22.8869



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.



54.4392, 52.3825, 86.5993



60.2617, 56.7190, 102.3795



61.2666, 55.9022, 86.9188



14.3991, 14.6355, 18.9883



8.6704, 3.5057, 43.9626



0.7358, 0.3036, 3.4547

Inverse Universe

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



66.4355, 58.6659, 82.6868



76.7681, 65.3678, 96.8513



64.0828, 76.5401, 57.8528



15.6325, 15.2808, 18.6158



25.3543, 12.3444, 33.9965



2.0129, 0.9781, 2.7853

Previews

White Background



This preview shows how the XYZ color 54.4375, 52.3804, 86.5981 looks on a white background.

Color Contrast Check

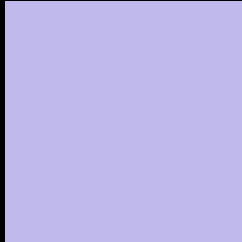
Large Text (above 18pt) WCAG AA × Fail

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 54.4375, 52.3804, 86.5981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

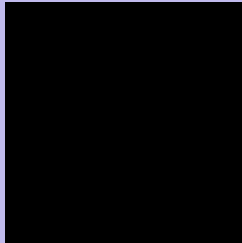
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4375, 52.3804, 86.5981

Background



This preview shows how black text looks on a background with the XYZ color 54.4375, 52.3804, 86.5981.



This preview shows how white text looks on a background with the XYZ color 54.4375, 52.3804,

86.5981.

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

54.4375, 52.3804, 86.5981

Protanopia

52.4526, 52.2715, 88.2138

Deuteranopia

53.6497, 52.2881, 86.6219



Tritanopia

50.2649, 52.2826, 65.8348

Trichromacy



Original Color

54.4375, 52.3804, 86.5981

Protanomaly

53.0364, 52.2712, 87.4148

Deuteranomaly

53.8969, 52.4156, 86.6334

Tritanomaly

51.7082, 52.2238, 73.0005

Monochromacy



Original Color

54.4375, 52.3804, 86.5981

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.9144, 52.7678, 67.7706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4375, 52.3804, 86.5981 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(192, 186, 236)` looks like.

```
.text, #text, p{  
    color:rgb(192, 186, 236)  
}
```

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(192, 186, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 186, 236) }
```

Border

The CSS property to change the border of an element to XYZ 54.4375, 52.3804, 86.5981 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(192, 186, 236) }
```


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

```
.border{ border-color:rgb(192, 186, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 186, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 186, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 186, 236); box-shadow:4px 4px 4px 4px rgb(192, 186, 236) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4375, 52.3804, 86.5981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 186, 236) }
```

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

```
.background{ background-color: rgb(192,  
186, 236) }
```

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