

Converting Colors

XYZ(56.7194, 55.3002, 94.8734)

Have a look what the booklet for
XYZ(56.7194, 55.3002, 94.8734)
contains.

XYZ(56.7194, 55.3002, 94.8734)	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(56.7194, 55.3002,
94.8734)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC0F6
RGB	190, 192, 246
RGB Percent	75%, 75%, 96%
CMY	0.2549, 0.2470, 0.0353
CMYK	0.23, 0.22, 0.00, 0.04
HSL	238°, 76%, 85%
HSV	238°, 23%, 96%
XYZ	56.7194, 55.3002, 94.8734
YIQ	197.5580, -18.5260, 16.3700

Conversions

Conversions Part 2

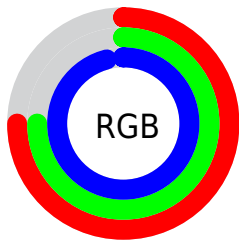
Format	Color
RYB	190, 192, 246
Decimal	12501238
CIELab	79.21, 10.55, -26.86
CIELCh	79, 28.861, 291.440
Yxy	55.3002, 0.2741, 0.2673
Android (android.graphics.Color)	4290691318 (0xFFBEC0F6)
YUV	197.5580, 23.8819, -6.6284
Hunter-Lab	74.3641, 6.0093, -23.5871

Details

The XYZ color **56.7194, 55.3002, 94.8734** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.6518, 88.0124, 61.5069**, and the grayscale version is **53.2777, 56.0523, 61.0410**.

A 20% lighter version of the original color is **89.9752, 94.1290, 108.0342**, and **28.6802, 27.4172, 52.4956** is the 20% darker color. If you saturate the color by 10%, you get **46.2906, 42.8063, 93.0124**, and if you desaturate by 10%, it is **69.0281, 70.0119, 97.0652**.

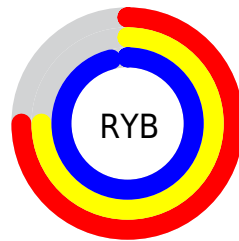
Distribution



Red (75%)

Green (75%)

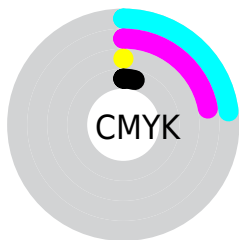
Blue (96%)



Red (75%)

Yellow (75%)

Blue (96%)

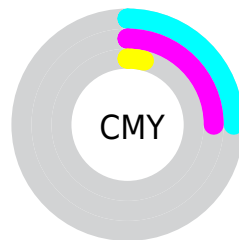


Cyan (23%)

Magenta (22%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (25%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7194, 55.3002, 94.8734 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 56.7194, 55.3002, 94.8734 by changing the saturation by 10% instead.

■ 56.7194, 55.3002,
94.8734

■ 56.7194, 55.3002,
94.8734

402.4282,
407.0489, 564.7336

■ 41.0193, 39.6421,
71.4333

■ 99.1894, 97.9807,
156.0838

■ 28.5219, 27.2596,
52.2119

126.6899,
125.7718, 194.6911

■ 18.8619, 17.7683,
36.7906

158.8546,
158.3761, 239.1913

■ 11.6739, 10.7838,
24.7509

196.0488,
196.1780, 290.0028

■ 6.5927, 5.9216,
15.6742

238.6380,
239.5618, 347.5443

■ 3.2527, 2.7975,
9.1421

286.9873,

■ 1.2888, 1.0269,

288.9120, 412.2342

4.7359

341.4623,
344.6129, 484.4911

■ 0.1748, 0.0000,
2.0371

■ 0.0000, 0.0000,
0.5780

■ 56.7194, 55.3002,
94.8734

■ 56.7194, 55.3002,
94.8734

■ 46.2906, 42.8063,
93.0124

■ 69.0281, 70.0119,
97.0652

■ 37.6443, 32.4165,
91.4627

■ 83.2972, 87.0345,
99.5989

■ 30.6822, 24.0169,
90.2083

■ 93.6347, 99.4339,
101.4473

■ 25.2945, 17.4803,
89.2306

■ 21.3585, 12.6649,
88.5086

■ 18.7330, 9.4084,
88.0184

■ 17.2489, 7.5175,
87.7316

■ 16.7302, 6.8447,
87.6291

Harmonies

Analogous

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



50.9278, 55.3002, 97.3918



56.7194, 55.3002, 94.8734



61.7176, 55.3002, 82.2567

Triad

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



56.7194, 55.3002, 94.8734



59.7806, 55.3002, 38.6372



42.3408, 55.3002, 55.6080

Complementary

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



56.7194, 55.3002, 94.8734



79.6518, 88.0124, 61.5069

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.



44.3584, 55.3002, 42.5070



56.7194, 55.3002, 94.8734



54.2291, 55.3002, 33.9521

Square

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



56.7194, 55.3002, 94.8734



63.5730, 55.3002, 49.3346



48.6113, 55.3002, 35.2261



42.9006, 55.3002, 72.5823

Rectangle

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



56.7194, 55.3002, 94.8734



63.7895, 55.3002, 70.8973



48.6113, 55.3002, 35.2261



42.7344, 55.3002, 50.6591

Sweetspot

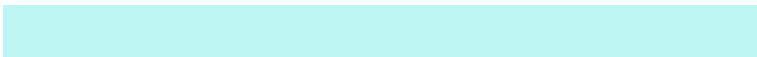
The Sweet Spot groups the original color and five complimentary colors.



56.7212, 55.3024, 94.8747



83.5380, 86.2760, 106.8577



70.4002, 83.3430, 97.3298



17.6789, 18.2261, 22.8362



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.



56.7212, 55.3024, 94.8747



56.4500, 53.9056, 102.0373



63.1326, 57.9598, 95.0497



15.6286, 16.0216, 20.8113



8.9511, 3.6960, 46.7796



0.8031, 0.3576, 4.1169

Inverse Universe

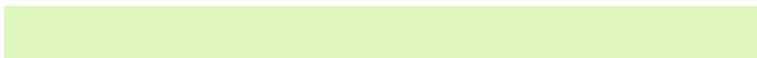
The Inverse Universe completely reimagines the original color for something new.



65.9354, 60.2272, 58.0213



67.9736, 60.0983, 55.9401



72.0093, 84.9712, 61.3227



16.5231, 16.4921, 17.2354



20.3226, 10.4725, 1.1413



1.7944, 0.9237, 0.1439

Previews

White Background



This preview shows how the XYZ color 56.7194, 55.3002, 94.8734 looks on a white background.

Color Contrast Check

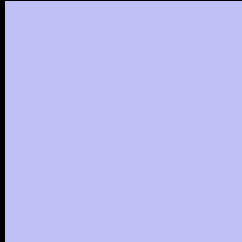
Large Text (above 18pt) WCAG AA × Fail

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 56.7194, 55.3002, 94.8734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

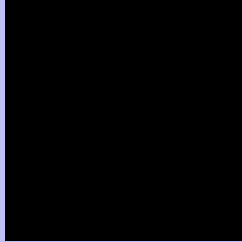
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7194, 55.3002, 94.8734

Background



This preview shows how black text looks on a background with the XYZ color 56.7194, 55.3002, 94.8734.



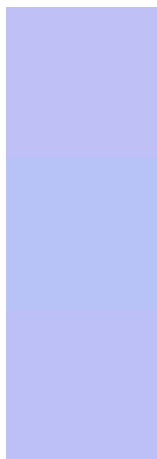
This preview shows how white text looks on a background with the XYZ color 56.7194, 55.3002,

94.8734.

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

56.7194, 55.3002, 94.8734

Protanopia

55.6087, 55.3663, 95.7515

Deuteranopia

56.4705, 55.1719, 94.8617



Tritanopia

52.0988, 55.4336, 71.5722

Trichromacy



Original Color

56.7194, 55.3002, 94.8734

Protanomaly

56.1082, 55.2944, 95.7114

Deuteranomaly

56.4705, 55.1719, 94.8617

Tritanomaly

53.7171, 55.4099, 79.8155

Monochromacy



Original Color

56.7194, 55.3002, 94.8734

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.5113, 55.9883, 72.2237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7194, 55.3002, 94.8734 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(190, 192, 246)` looks like.

```
.text, #text, p{  
    color:rgb(190, 192, 246)  
}
```

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(190, 192, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 192, 246) }
```

Border

The CSS property to change the border of an element to XYZ 56.7194, 55.3002, 94.8734 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(190, 192, 246) }
```


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

```
.border{ border-color:rgb(190, 192, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 192, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 192, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 192, 246);  
box-shadow:4px 4px 4px 4px rgb(190, 192,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7194, 55.3002, 94.8734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 192, 246) }
```

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

```
.background{ background-color: rgb(190,  
192, 246) }
```

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