

Converting Colors

XYZ(55.6401, 53.1416, 94.5136)

Have a look what the booklet for
XYZ(55.6401, 53.1416, 94.5136)
contains.

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Color

**XYZ(55.6401, 53.1416,
94.5136)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBBF6
RGB	190, 187, 246
RGB Percent	75%, 73%, 96%
CMY	0.2549, 0.2667, 0.0353
CMYK	0.23, 0.24, 0.00, 0.04
HSL	243°, 77%, 85%
HSV	243°, 24%, 96%
XYZ	55.6401, 53.1416, 94.5136
YIQ	194.6230, -17.1510, 18.9850

Conversions

Conversions Part 2

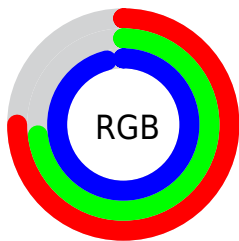
Format	Color
R _{YB}	190, 187, 246
Decimal	12499958
CIE _{Lab}	77.96, 13.27, -28.79
CIE _{LCh}	78, 31.699, 294.754
Y _{xy}	53.1416, 0.2737, 0.2614
Android (android.graphics.Color)	4290690038 (0xFFBEBBF6)
YUV	194.6230, 25.3289, -4.0544
Hunter-Lab	72.8983, 8.6693, -25.8415

Details

The XYZ color **55.6401, 53.1416, 94.5136** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.8890, 88.5553, 59.9509**, and the grayscale version is **51.5105, 54.1931, 59.0163**.

A 20% lighter version of the original color is **88.4584, 91.0953, 107.5286**, and **27.9727, 26.0021, 52.2598** is the 20% darker color. If you saturate the color by 10%, you get **45.4895, 40.8148, 92.6702**, and if you desaturate by 10%, it is **67.6223, 67.7420, 96.7011**.

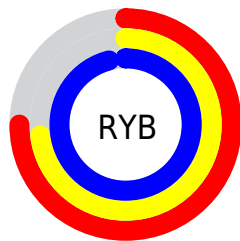
Distribution



Red (75%)

Green (73%)

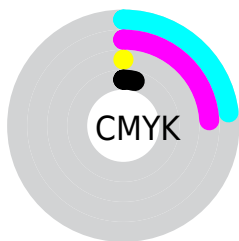
Blue (96%)



Red (75%)

Yellow (73%)

Blue (96%)

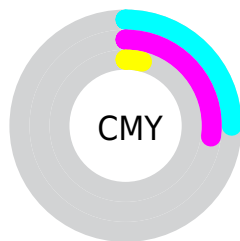


Cyan (23%)

Magenta (24%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (27%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6401, 53.1416, 94.5136 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 55.6401, 53.1416, 94.5136 by changing the saturation by 10% instead.

■ 55.6401, 53.1416,
94.5136

■ 55.6401, 53.1416,
94.5136

398.4308,
398.8281, 563.5512

■ 40.1503, 37.9158,
71.1356

■ 97.6210, 94.8127,
155.5822

■ 27.8405, 25.9174,
51.9703

124.8429,
122.0268, 194.1099

■ 18.3453, 16.7618,
36.5993

156.7061,
154.0058, 238.5246

■ 11.2994, 10.0648,
24.6041

193.5762,
191.1341, 289.2447

■ 6.3373, 5.4420,
15.5660

235.8183,
233.7961, 346.6889

■ 3.0939, 2.5088,
9.0666

283.7978,

■ 1.2036, 0.8811,

282.3762, 411.2757

4.6872

337.8802,
337.2587, 483.4236

■ 0.1092, 0.0000,
2.0094

■ 0.0000, 0.0000,
0.5611

■ 55.6401, 53.1416,
94.5136

■ 55.6401, 53.1416,
94.5136

■ 45.4895, 40.8148,
92.6702

■ 67.6223, 67.7420,
96.7011

■ 37.0754, 30.6414,
91.1500

■ 81.5147, 84.7157,
99.2452

■ 30.3020, 22.4994,
89.9354

■ 93.6347, 99.4339,
101.4473

■ 25.0619, 16.2525,
89.0058

■ 21.2353, 11.7475,
88.3380

■ 18.6843, 8.8073,
87.9049

■ 17.2431, 7.2170,
87.6739

■ 16.7935, 6.7357,
87.6047

Harmonies

Analogous

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



49.4328, 53.1416, 98.7054



55.6401, 53.1416, 94.5136



60.8278, 53.1416, 79.7609

Triad

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



55.6401, 53.1416, 94.5136



57.6677, 53.1416, 34.3191



39.5956, 53.1416, 54.8116

Complementary

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



55.6401, 53.1416, 94.5136



78.8890, 88.5553, 59.9509

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.



41.4295, 53.1416, 40.3905



55.6401, 53.1416, 94.5136



51.6017, 53.1416, 30.2006

Square

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



55.6401, 53.1416, 94.5136



62.0636, 53.1416, 44.7732



45.7044, 53.1416, 32.1730



40.4865, 53.1416, 73.2817

Rectangle

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



55.6401, 53.1416, 94.5136



62.8381, 53.1416, 67.2618



45.7044, 53.1416, 32.1730



39.9091, 53.1416, 49.3817

Sweetspot

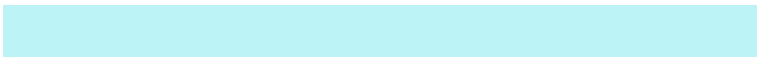
The Sweet Spot groups the original color and five complimentary colors.



55.6418, 53.1437, 94.5148



83.6568, 86.0623, 106.8102



69.1951, 81.3511, 99.2450



17.7063, 18.1768, 22.8252



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.



55.6418, 53.1437, 94.5148



54.5456, 50.5786, 101.4955



63.7556, 57.3265, 94.8945



15.6591, 15.9669, 20.7992



8.9973, 3.6126, 46.7611



0.8177, 0.3314, 4.1111

Inverse Universe

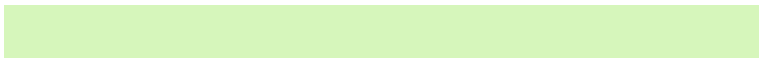
The Inverse Universe completely reimagines the original color for something new.



71.9556, 61.6065, 92.8945



75.2246, 61.3083, 99.3349



69.5273, 83.7292, 59.5128



17.1751, 16.7529, 20.6687



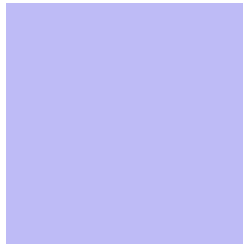
28.1908, 13.6198, 42.5748



2.4887, 1.2014, 3.7998

Previews

White Background



This preview shows how the XYZ color 55.6401, 53.1416, 94.5136 looks on a white background.

Color Contrast Check

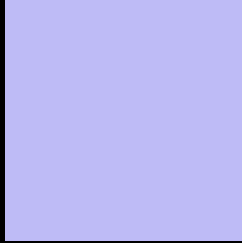
Large Text (above 18pt) WCAG AA × Fail

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 55.6401, 53.1416, 94.5136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

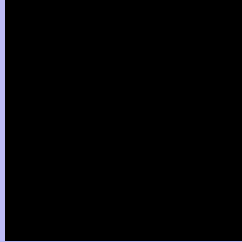
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6401, 53.1416, 94.5136

Background



This preview shows how black text looks on a background with the XYZ color 55.6401, 53.1416, 94.5136.

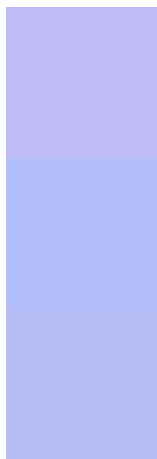


This preview shows how white text looks on a background with the XYZ color 55.6401, 53.1416,

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

55.6401, 53.1416, 94.5136

Protanopia

53.6438, 53.0136, 97.0278

Deuteranopia

54.5993, 53.2394, 94.5873



Tritanopia

50.3288, 53.2543, 67.9481

Trichromacy



Original Color

55.6401, 53.1416, 94.5136

Protanomaly

54.4323, 53.1176, 96.1908

Deuteranomaly

54.8675, 53.0594, 94.5384

Tritanomaly

52.0653, 52.9746, 76.5882

Monochromacy



Original Color

55.6401, 53.1416, 94.5136

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.9796, 53.8918, 71.2282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6401, 53.1416, 94.5136 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, 187, 246)` looks like.

```
.text, #text, p{  
    color:rgb(190, 187, 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, 187, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 187, 246) }
```

Border

The CSS property to change the border of an element to XYZ 55.6401, 53.1416, 94.5136 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, 187, 246) }
```


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

```
.border{ border-color:rgb(190, 187, 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, 187, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 187, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 187, 246);  
box-shadow:4px 4px 4px 4px rgb(190, 187,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6401, 53.1416, 94.5136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 187, 246) }
```

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

```
.background{ background-color: rgb(190,  
187, 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](#).

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