

Converting Colors

XYZ(55.5473, 55.9625, 91.4536)

Have a look what the booklet for
XYZ(55.5473, 55.9625, 91.4536)
contains.

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Color

**XYZ(55.6247, 56.1450,
91.1244)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C4F1
RGB	185, 196, 241
RGB Percent	73%, 77%, 95%
CMY	0.2745, 0.2314, 0.0549
CMYK	0.23, 0.19, 0.00, 0.05
HSL	228°, 67%, 84%
HSV	228°, 23%, 95%
XYZ	55.6247, 56.1450, 91.1244
YIQ	197.8410, -21.0010, 11.6630

Conversions

Conversions Part 2

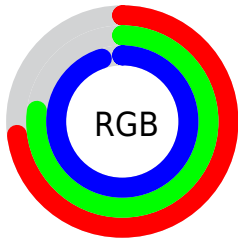
Format	Color
R _Y B	185, 194, 241
Decimal	12174577
CIE Lab	79.70, 5.74, -23.48
CIE LCh	80, 24.174, 283.746
Yxy	56.1450, 0.2742, 0.2767
Android (android.graphics.Color)	4290364657 (0xFFB9C4F1)
YUV	197.8410, 21.2774, -11.2616
Hunter-Lab	74.9300, 1.3831, -19.6532

Details

The XYZ color **55.6247, 56.1450, 91.1244** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.3301, 78.7975, 57.2451**, and the grayscale version is **53.4655, 56.2498, 61.2561**.

A 20% lighter version of the original color is **89.7932, 96.3478, 108.4721**, and **27.7900, 27.6741, 49.7759** is the 20% darker color. If you saturate the color by 10%, you get **46.2065, 45.2196, 89.5129**, and if you desaturate by 10%, it is **66.5957, 68.7106, 92.9725**.

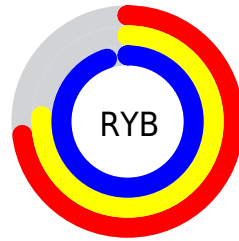
Distribution



Red (73%)

Green (77%)

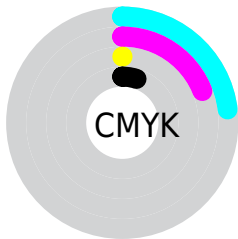
Blue (95%)



Red (73%)

Yellow (76%)

Blue (95%)

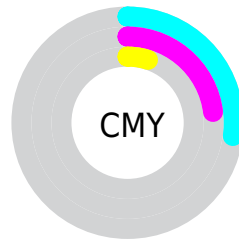


Cyan (23%)

Magenta (19%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (23%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6247, 56.1450, 91.1244 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 55.6247, 56.1450, 91.1244 by changing the saturation by 10% instead.

■ 55.6247, 56.1450,
91.1244

■ 55.6247, 56.1450,
91.1244

398.3736,
410.2377, 552.3459

■ 40.1379, 40.3192,
68.3346

■ 97.5986, 99.2166,
150.8484

■ 27.8308, 27.7875,
49.7016

124.8165,
127.2311, 188.6197

■ 18.3379, 18.1655,
34.8069

156.6754,
160.0773, 232.2219

■ 11.2940, 11.0689,
23.2318

193.5408,
198.1396, 282.0736

■ 6.3337, 6.1132,
14.5578

235.7779,
241.8024, 338.5933

■ 3.0916, 2.9140,
8.3665

283.7522,

■ 1.2024, 1.0870,

291.4501, 402.1996

4.2392

337.8290,
347.4671, 473.3110

■ 0.1083, 0.0000,
1.7575

■ 0.0000, 0.0000,
0.3997

■ 55.6247, 56.1450,
91.1244

■ 55.6247, 56.1450,
91.1244

■ 46.2065, 45.2196,
89.5129

■ 66.5957, 68.7106,
92.9725

■ 38.2648, 35.8591,
88.1247

■ 79.1805, 82.9739,
95.0623

■ 31.7244, 27.9924,
86.9510

■ 92.5911, 98.5584,
97.3636

■ 26.5016, 21.5400,
85.9809

■ 92.8774, 99.1309,
97.4590

■ 22.5031, 16.4150,
85.2024

■ 19.6230, 12.5198,
84.6023

■ 17.7355, 9.7424,
84.1657

■ 16.9078, 8.4117,
83.9525

Harmonies

Analogous

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



50.7808, 56.1450, 90.7276



55.6247, 56.1450, 91.1244



60.1182, 56.1450, 82.6714

Triad

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



55.6247, 56.1450, 91.1244



60.4332, 56.1450, 44.3712



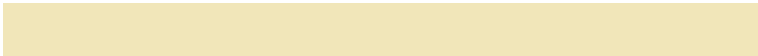
44.8540, 56.1450, 53.9154

Complementary

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



55.6247, 56.1450, 91.1244



73.3301, 78.7975, 57.2451

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.



47.1359, 56.1450, 43.7027



55.6247, 56.1450, 91.1244



56.0336, 56.1450, 38.7942

Square

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



55.6247, 56.1450, 91.1244



63.0066, 56.1450, 54.9673



51.1657, 56.1450, 38.5697



44.7594, 56.1450, 67.7420

Rectangle

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



55.6247, 56.1450, 91.1244



62.2287, 56.1450, 73.8059



51.1657, 56.1450, 38.5697



45.3841, 56.1450, 49.9997

Sweetspot

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



55.6265, 56.1473, 91.1257



84.3789, 87.9579, 107.1381



65.7190, 78.9280, 86.4877



17.8730, 18.6142, 22.9008



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.



55.6265, 56.1473, 91.1257



57.8304, 57.5788, 102.6736



57.5306, 53.5791, 90.5296



15.1486, 15.7314, 19.9597



9.2428, 4.7099, 45.5498



0.8362, 0.5263, 3.8117

Inverse Universe

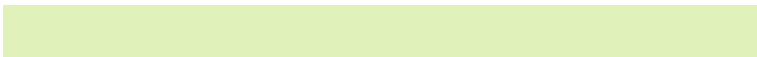
The Inverse Universe completely reimagines the original color for something new.



63.5899, 57.3858, 59.9520



68.4476, 59.4350, 61.0652



71.0159, 82.2937, 58.0419



15.8997, 15.8096, 17.0281



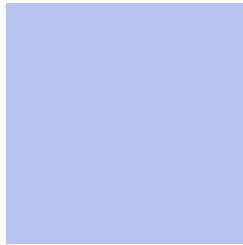
19.9910, 10.2688, 2.6030



1.6970, 0.8678, 0.3953

Previews

White Background



This preview shows how the XYZ color 55.6247, 56.1450, 91.1244 looks on a white background.

Color Contrast Check

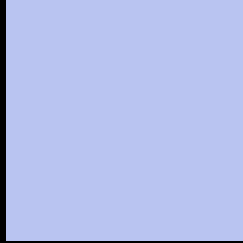
Large Text (above 18pt) WCAG AA × Fail

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 55.6247, 56.1450, 91.1244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

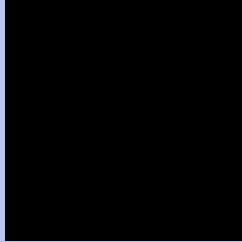
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6247, 56.1450, 91.1244

Background



This preview shows how black text looks on a background with the XYZ color 55.6247, 56.1450, 91.1244.



This preview shows how white text looks on a background with the XYZ color 55.6247, 56.1450,

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

55.6247, 56.1450, 91.1244

Protanopia

55.8858, 55.9459, 91.0722

Deuteranopia

57.3451, 56.0201, 91.7949



Tritanopia

51.8713, 55.9697, 73.0351

Trichromacy



Original Color

55.6247, 56.1450, 91.1244

Protanomaly

55.6420, 55.8202, 91.0608

Deuteranomaly

56.8047, 56.0707, 91.8332

Tritanomaly

53.3054, 56.2282, 79.2778

Monochromacy



Original Color

55.6247, 56.1450, 91.1244

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.0962, 56.1250, 71.6004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6247, 56.1450, 91.1244 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(185, 196, 241)` looks like.

```
.text, #text, p{  
    color:rgb(185, 196, 241)  
}
```

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(185, 196, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 196, 241) }
```

Border

The CSS property to change the border of an element to XYZ 55.6247, 56.1450, 91.1244 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(185, 196, 241) }
```


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

```
.border{ border-color:rgb(185, 196, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 196, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 196, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 196, 241);  
box-shadow:4px 4px 4px 4px rgb(185, 196,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6247, 56.1450, 91.1244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 196, 241) }
```

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

```
.background{ background-color: rgb(185,  
196, 241) }
```

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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