

Converting Colors

XYZ(55.6635, 51.5707, 95.8273)

Have a look what the booklet for
XYZ(55.6635, 51.5707, 95.8273)
contains.

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Color

**XYZ(55.6635, 51.5707,
95.8273)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B6F8
RGB	193, 182, 248
RGB Percent	76%, 71%, 97%
CMY	0.2431, 0.2863, 0.0274
CMYK	0.22, 0.27, 0.00, 0.03
HSL	250°, 83%, 84%
HSV	250°, 27%, 97%
XYZ	55.6635, 51.5707, 95.8273
YIQ	192.8130, -14.6300, 22.8580

Conversions

Conversions Part 2

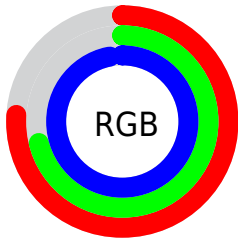
Format	Color
R _Y B	193, 182, 248
Decimal	12695288
CIE Lab	77.02, 17.36, -31.28
CIE LCh	77, 35.774, 299.034
Yxy	51.5707, 0.2741, 0.2540
Android (android.graphics.Color)	4290885368 (0xFFC1B6F8)
YUV	192.8130, 27.2072, 0.1640
Hunter-Lab	71.8127, 12.6866, -28.8480

Details

The XYZ color **55.6635, 51.5707, 95.8273** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.9376, 88.5180, 57.2889**, and the grayscale version is **50.4317, 53.0581, 57.7803**.

A 20% lighter version of the original color is **88.0489, 88.6931, 107.0865**, and **27.7355, 24.8654, 52.6279** is the 20% darker color. If you saturate the color by 10%, you get **46.1219, 39.7691, 94.0531**, and if you desaturate by 10%, it is **66.8441, 65.5547, 97.9381**.

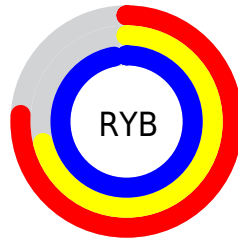
Distribution



Red (76%)

Green (71%)

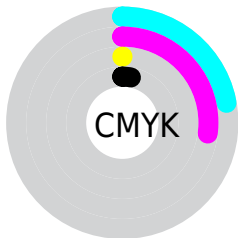
Blue (97%)



Red (76%)

Yellow (71%)

Blue (97%)

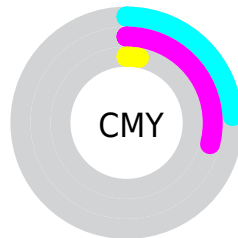


Cyan (22%)

Magenta (27%)

Yellow (0%)

Black (3%)



Cyan (24%)

Magenta (29%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6635, 51.5707, 95.8273 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 55.6635, 51.5707, 95.8273 by changing the saturation by 10% instead.

■ 55.6635, 51.5707,
95.8273

■ 55.6635, 51.5707,
95.8273

398.5178,
392.7770, 567.8620

■ 40.1691, 36.6630,
72.2230

■ 97.6551, 92.4978,
157.4125

■ 27.8552, 24.9467,
52.8529

124.8830,
119.2860, 196.2304

■ 18.3565, 16.0373,
37.2985

156.7528,
150.8032, 240.9567

■ 11.3074, 9.5506,
25.1411

193.6299,
187.4337, 292.0099

■ 6.3428, 5.1020,
15.9622

235.8795,
229.5619, 349.8085

■ 3.0973, 2.3072,
9.3434

283.8672,

■ 1.2054, 0.7775,

277.5723, 414.7710

4.8659

337.9581,
331.8492, 487.3160

■ 0.1106, 0.0000,
2.1115

■ 0.0000, 0.0000,
0.6226

■ 55.6635, 51.5707,
95.8273

■ 55.6635, 51.5707,
95.8273

■ 46.1219, 39.7691,
94.0531

■ 66.8441, 65.5547,
97.9381

■ 38.1364, 30.0331,
92.5948

■ 79.7312, 81.8176,
100.3979

■ 31.6245, 22.2445,
91.4346

■ 93.9434, 99.5574,
103.0730

■ 26.4937, 16.2703,
90.5519

■ 22.6408, 11.9608,
89.9232

■ 19.9472, 9.1416,
89.5210

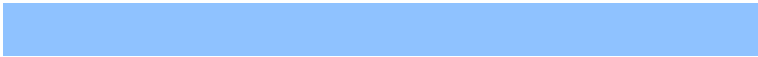
■ 18.2693, 7.5963,
89.3111

■ 17.8711, 7.2556,
89.2664

Harmonies

Analogous

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



48.7955, 51.5707, 102.7219



55.6635, 51.5707, 95.8273



61.1489, 51.5707, 77.7884

Triad

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



55.6635, 51.5707, 95.8273



56.0816, 51.5707, 29.7023



37.0339, 51.5707, 55.5206

Complementary

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



55.6635, 51.5707, 95.8273



76.9376, 88.5180, 57.2889

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.



38.6053, 51.5707, 38.9526



55.6635, 51.5707, 95.8273



49.2379, 51.5707, 26.3387

Square

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



55.6635, 51.5707, 95.8273



61.4056, 51.5707, 39.8188



42.9207, 51.5707, 29.2899



38.4169, 51.5707, 76.4328

Rectangle

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



55.6635, 51.5707, 95.8273



63.0578, 51.5707, 63.6069



42.9207, 51.5707, 29.2899



37.2314, 51.5707, 49.3031

Sweetspot

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



55.6652, 51.5728, 95.8285



82.9037, 84.5849, 106.5648



66.8399, 77.9312, 100.3272



17.2850, 17.5231, 22.7212



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.



55.6652, 51.5728, 95.8285



53.5635, 47.8254, 101.0159



64.6931, 56.2268, 96.2510



16.5525, 16.7819, 21.7521



9.7314, 3.9594, 48.2249



0.9754, 0.4049, 4.4699

Inverse Universe

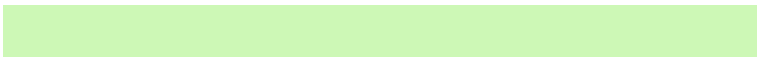
The Inverse Universe completely reimagines the original color for something new.



70.7271, 59.5289, 87.8854



72.1976, 57.6757, 90.8612



67.2170, 83.5068, 56.8340



17.8615, 17.4720, 21.1265



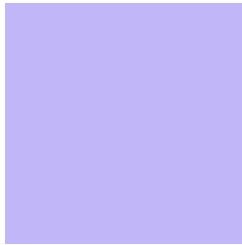
27.0194, 13.2235, 33.1402



2.5344, 1.2375, 3.2374

Previews

White Background



This preview shows how the XYZ color 55.6635, 51.5707, 95.8273 looks on a white background.

Color Contrast Check

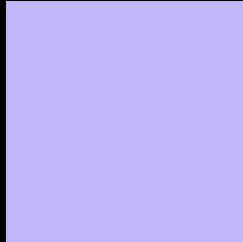
Large Text (above 18pt) WCAG AA × Fail

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 55.6635, 51.5707, 95.8273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

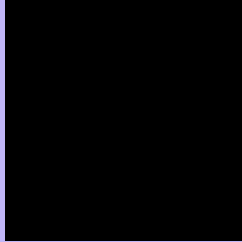
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6635, 51.5707, 95.8273

Background



This preview shows how black text looks on a background with the XYZ color 55.6635, 51.5707, 95.8273.

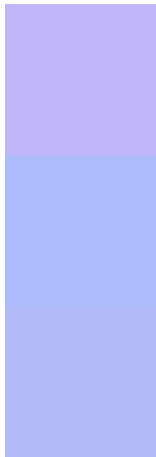


This preview shows how white text looks on a background with the XYZ color 55.6635, 51.5707,

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

55.6635, 51.5707, 95.8273

Protanopia

52.5672, 51.7654, 99.3166

Deuteranopia

52.9189, 51.7210, 95.1897



Tritanopia

49.4405, 51.5490, 65.1018

Trichromacy



Original Color

55.6635, 51.5707, 95.8273

Protanomaly

53.7939, 51.7861, 98.4273

Deuteranomaly

53.6659, 51.4806, 95.1039

Tritanomaly

51.5605, 51.4525, 75.6204

Monochromacy



Original Color

55.6635, 51.5707, 95.8273

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.2002, 52.5367, 70.3402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6635, 51.5707, 95.8273 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(193, 182, 248)` looks like.

```
.text, #text, p{  
    color:rgb(193, 182, 248)  
}
```

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(193, 182, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 182, 248) }
```

Border

The CSS property to change the border of an element to XYZ 55.6635, 51.5707, 95.8273 is called "border". The border property can be set on classes, ids or directly on the HTML element.

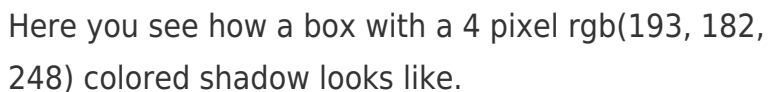
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 182, 248) }
```


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

```
.border{ border-color:rgb(193, 182, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 182, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 182, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 182, 248); box-shadow:4px 4px 4px 4px rgb(193, 182, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6635, 51.5707, 95.8273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 182, 248) }
```

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

```
.background{ background-color: rgb(193,  
182, 248) }
```

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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