

Converting Colors

XYZ(55.6417, 53.3932, 88.3107)

Have a look what the booklet for
XYZ(55.6417, 53.3932, 88.3107)
contains.

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Color

**XYZ(55.4511, 53.1830,
88.2317)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BBEE
RGB	194, 187, 238
RGB Percent	76%, 73%, 93%
CMY	0.2392, 0.2667, 0.0667
CMYK	0.18, 0.21, 0.00, 0.07
HSL	248°, 60%, 83%
HSV	248°, 21%, 93%
XYZ	55.4511, 53.1830, 88.2317
YIQ	194.9070, -12.1990, 17.3450

Conversions

Conversions Part 2

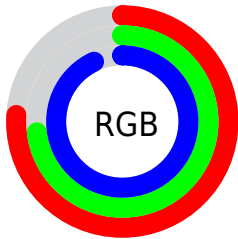
Format	Color
RYB	194, 187, 238
Decimal	12762094
CIELab	77.98, 12.69, -24.42
CIELCh	78, 27.522, 297.466
Yxy	53.1830, 0.2817, 0.2701
Android (android.graphics.Color)	4290952174 (0xFFC2BBEE)
YUV	194.9070, 21.2448, -0.7954
Hunter-Lab	72.9267, 8.1040, -20.6844

Details

The XYZ color **55.4511, 53.1830, 88.2317** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.5008, 81.7271, 58.9697**, and the grayscale version is **51.7005, 54.3930, 59.2340**.

A 20% lighter version of the original color is **89.8843, 91.8304, 107.5954**, and **27.7838, 26.0030, 47.8107** is the 20% darker color. If you saturate the color by 10%, you get **45.9036, 41.3778, 86.4571**, and if you desaturate by 10%, it is **66.5669, 67.0414, 90.3216**.

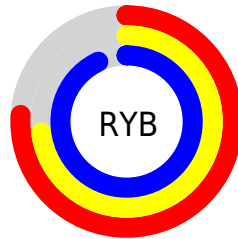
Distribution



Red (76%)

Green (73%)

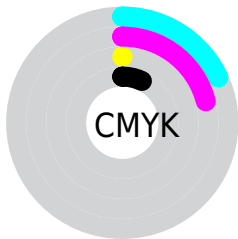
Blue (93%)



Red (76%)

Yellow (73%)

Blue (93%)

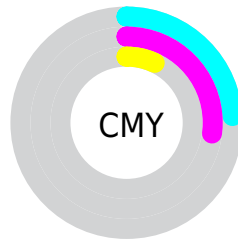


Cyan (18%)

Magenta (21%)

Yellow (0%)

Black (7%)



Cyan (24%)

Magenta (27%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4511, 53.1830, 88.2317 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 55.4511, 53.1830, 88.2317 by changing the saturation by 10% instead.

■ 55.4511, 53.1830,
88.2317

■ 55.4511, 53.1830,
88.2317

397.7283,
398.9868, 542.6827

■ 39.9983, 37.9489,
65.9495

■ 97.3460, 94.8736,
146.7937

■ 27.7214, 25.9430,
47.7752

124.5189,
122.0989, 183.9106

■ 18.2551, 16.7810,
33.2902

156.3291,
154.0900, 226.8094

■ 11.2341, 10.0785,
22.0759

193.1420,
191.2313, 275.9089

■ 6.2930, 5.4510,
13.7138

235.3231,
233.9073, 331.6273

■ 3.0664, 2.5142,
7.7854

283.2376,

■ 1.1890, 0.8838,

282.5022, 394.3834

3.8722

337.2508,
337.4006, 464.5957

■ 0.0976, 0.0000,
1.5555

■ 0.0000, 0.0000,
0.2588

■ 55.4511, 53.1830,
88.2317

■ 55.4511, 53.1830,
88.2317

■ 45.9036, 41.3778,
86.4571

■ 66.5669, 67.0414,
90.3216

■ 37.8486, 31.5215,
84.9792

■ 79.3122, 83.0376,
92.7375

■ 31.2111, 23.5106,
83.7828

■ 92.4328, 98.9531,
95.1179

■ 25.9081, 17.2295,
82.8499

■ 21.8474, 12.5489,
82.1605

■ 18.9249, 9.3217,
81.6916

■ 17.0186, 7.3726,
81.4159

■ 16.0492, 6.4909,
81.2968

Harmonies

Analogous

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



50.0946, 53.1830, 92.6695



55.4511, 53.1830, 88.2317



59.7418, 53.1830, 75.2697

Triad

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



55.4511, 53.1830, 88.2317



56.2947, 53.1830, 36.4234



40.9389, 53.1830, 56.6122

Complementary

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



55.4511, 53.1830, 88.2317



72.5008, 81.7271, 58.9697

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.



42.3509, 53.1830, 43.4439



55.4511, 53.1830, 88.2317



51.0058, 53.1830, 33.1486

Square

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



55.4511, 53.1830, 88.2317



60.2525, 53.1830, 45.3367



45.9444, 53.1830, 35.4739



41.9473, 53.1830, 72.6100

Rectangle

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



55.4511, 53.1830, 88.2317



61.2878, 53.1830, 64.5499



45.9444, 53.1830, 35.4739



41.1439, 53.1830, 51.7367

Sweetspot

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



55.4528, 53.1852, 88.2329



85.6711, 88.2055, 107.1178



64.5597, 74.0031, 91.7712



18.1278, 18.6169, 22.8879



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.



55.4528, 53.1852, 88.2329



59.4188, 55.4647, 102.1818



62.5084, 56.8225, 88.5631



15.0990, 15.3327, 19.8853



9.0156, 3.6531, 45.3578



0.8126, 0.3362, 3.7763

Inverse Universe

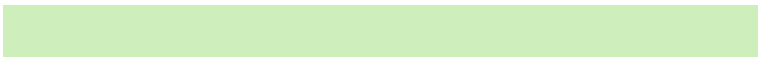
The Inverse Universe completely reimagines the original color for something new.



67.4556, 59.4894, 83.5305



75.9925, 64.1740, 95.4910



64.9162, 77.8171, 58.6148



16.3555, 15.9919, 19.4283



25.8778, 12.6236, 33.6029



2.1783, 1.0604, 2.9298

Previews

White Background



This preview shows how the XYZ color 55.4511, 53.1830, 88.2317 looks on a white background.

Color Contrast Check

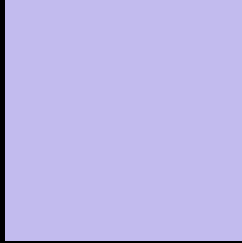
Large Text (above 18pt) WCAG AA × Fail

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 55.4511, 53.1830, 88.2317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

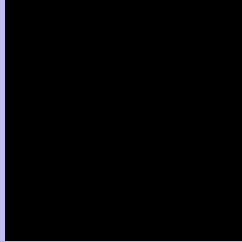
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4511, 53.1830, 88.2317

Background



This preview shows how black text looks on a background with the XYZ color 55.4511, 53.1830, 88.2317.



This preview shows how white text looks on a background with the XYZ color 55.4511, 53.1830,

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

55.4511, 53.1830, 88.2317

Protanopia

53.5640, 53.4362, 90.7102

Deuteranopia

54.6165, 53.3871, 88.3151



Tritanopia

51.2211, 53.0722, 67.2188

Trichromacy



Original Color

55.4511, 53.1830, 88.2317

Protanomaly

54.3913, 53.5573, 89.9089

Deuteranomaly

54.9017, 53.2159, 88.2670

Tritanomaly

52.6855, 53.0178, 74.4745

Monochromacy



Original Color

55.4511, 53.1830, 88.2317

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.1132, 54.0045, 69.2526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4511, 53.1830, 88.2317 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(194, 187, 238)` looks like.

```
.text, #text, p{  
    color:rgb(194, 187, 238)  
}
```

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(194, 187, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 187, 238) }
```

Border

The CSS property to change the border of an element to XYZ 55.4511, 53.1830, 88.2317 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(194, 187, 238) }
```


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

```
.border{ border-color:rgb(194, 187, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 187, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 187, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 187, 238); box-shadow:4px 4px 4px 4px rgb(194, 187, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4511, 53.1830, 88.2317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 187, 238) }
```

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

```
.background{ background-color: rgb(194,  
187, 238) }
```

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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