

Converting Colors

XYZ(55.0232, 50.4614, 90.0591)

Have a look what the booklet for
XYZ(55.0232, 50.4614, 90.0591)
contains.

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Color

**XYZ(55.0232, 50.4614,
90.0591)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B3F1
RGB	197, 179, 241
RGB Percent	77%, 70%, 95%
CMY	0.2274, 0.2980, 0.0549
CMYK	0.18, 0.26, 0.00, 0.05
HSL	257°, 69%, 82%
HSV	257°, 26%, 95%
XYZ	55.0232, 50.4614, 90.0591
YIQ	191.4500, -9.1740, 23.0980

Conversions

Conversions Part 2

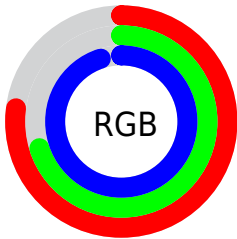
Format	Color
R_{YB}	197, 179, 241
Decimal	12956657
CIE _{Lab}	76.35, 18.65, -28.51
CIE _{LCh}	76, 34.068, 303.187
Yxy	50.4614, 0.2814, 0.2581
Android (android.graphics.Color)	4291146737 (0xFFC5B3F1)
YUV	191.4500, 24.4282, 4.8674
Hunter-Lab	71.0362, 13.9492, -25.4420

Details

The XYZ color **55.0232, 50.4614, 90.0591** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.0251, 81.8546, 54.7589**, and the grayscale version is **49.6502, 52.2358, 56.8848**.

A 20% lighter version of the original color is **88.6314, 87.7075, 106.8656**, and **27.3731, 24.1753, 49.1225** is the 20% darker color. If you saturate the color by 10%, you get **46.3815, 39.4529, 88.3905**, and if you desaturate by 10%, it is **65.0204, 63.4242, 92.0351**.

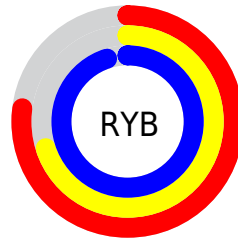
Distribution



Red (77%)

Green (70%)

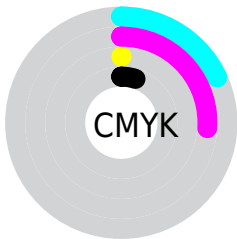
Blue (95%)



Red (77%)

Yellow (70%)

Blue (95%)

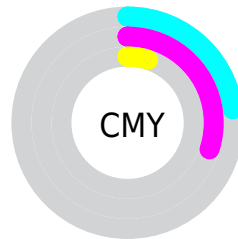


Cyan (18%)

Magenta (26%)

Yellow (0%)

Black (5%)



Cyan (23%)

Magenta (30%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0232, 50.4614, 90.0591 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 55.0232, 50.4614, 90.0591 by changing the saturation by 10% instead.

■ 55.0232, 50.4614,
90.0591

■ 55.0232, 50.4614,
90.0591

396.1348,
388.4676, 548.7981

■ 39.6542, 35.7801,
67.4557

■ 96.7231, 90.8581,
149.3567

■ 27.4521, 24.2644,
48.9911

123.7847,
117.3424, 186.8880

■ 18.0514, 15.5299,
34.2469

155.4745,
148.5298, 230.2323

■ 11.0868, 9.1921,
22.8044

192.1579,
184.8047, 279.8082

■ 6.1930, 4.8667,
14.2452

234.2003,
226.5516, 336.0341

■ 3.0045, 2.1693,
8.1507

281.9671,

■ 1.1562, 0.7032,

274.1547, 399.3288

4.1024

335.8234,
327.9986, 470.1106

■ 0.0713, 0.0000,
1.6817

■ 0.0000, 0.0000,
0.3481

■ 55.0232, 50.4614,
90.0591

■ 55.0232, 50.4614,
90.0591

■ 46.3815, 39.4529,
88.3905

■ 65.0204, 63.4242,
92.0351

■ 39.0296, 30.2958,
87.0105

■ 76.4251, 78.4249,
94.3294

■ 32.9034, 22.8874,
85.9034

■ 89.2924, 95.5496,
96.9566

■ 27.9311, 17.1119,
85.0507

■ 92.8773, 99.1309,
97.4590

■ 24.0325, 12.8391,
84.4315

■ 21.1161, 9.9180,
84.0214

■ 19.0721, 8.1639,
83.7905

■ 18.4005, 7.6517,
83.7270

Harmonies

Analogous

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



48.6499, 50.4614, 98.2147



55.0232, 50.4614, 90.0591



59.8131, 50.4614, 72.4372

Triad

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



55.0232, 50.4614, 90.0591



53.7340, 50.4614, 29.0963



36.6875, 50.4614, 56.9278

Complementary

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



55.0232, 50.4614, 90.0591



70.0251, 81.8546, 54.7589

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.



37.7899, 50.4614, 40.5214



55.0232, 50.4614, 90.0591



47.2808, 50.4614, 26.7180

Square

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



55.0232, 50.4614, 90.0591



59.0235, 50.4614, 37.8123



41.5324, 50.4614, 30.3986



38.3768, 50.4614, 76.5971

Rectangle

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



55.0232, 50.4614, 90.0591



61.2579, 50.4614, 59.2349



41.5324, 50.4614, 30.3986



36.7444, 50.4614, 50.8653

Sweetspot

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



55.0248, 50.4635, 90.0602



83.7567, 85.0247, 106.6047



60.9729, 68.9434, 93.3137



17.4984, 17.6331, 22.7312



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.



55.0248, 50.4635, 90.0602



57.0918, 50.3793, 101.3229



63.8565, 55.0163, 90.4735



15.3284, 15.4510, 19.8961



10.0939, 4.2090, 45.4083



0.9349, 0.3992, 3.7820

Inverse Universe

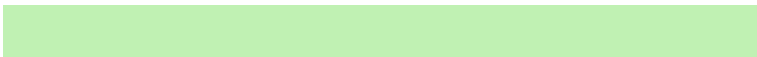
The Inverse Universe completely reimagines the original color for something new.



65.7167, 56.2708, 77.2119



71.3283, 58.1202, 83.8411



61.4418, 77.4297, 54.3572



16.2473, 15.9486, 18.8583



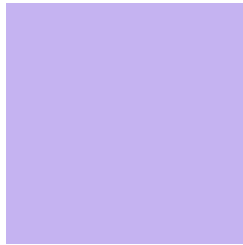
23.7209, 11.7608, 22.2447



2.0163, 0.9956, 2.0768

Previews

White Background



This preview shows how the XYZ color 55.0232, 50.4614, 90.0591 looks on a white background.

Color Contrast Check

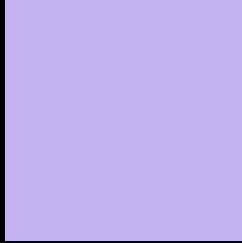
Large Text (above 18pt) WCAG AA × Fail

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 55.0232, 50.4614, 90.0591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

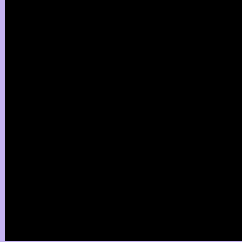
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0232, 50.4614, 90.0591

Background



This preview shows how black text looks on a background with the XYZ color 55.0232, 50.4614, 90.0591.



This preview shows how white text looks on a background with the XYZ color 55.0232, 50.4614,

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

55.0232, 50.4614, 90.0591

Protanopia

51.2067, 50.5423, 94.2455

Deuteranopia

51.8995, 50.6925, 89.4873



Tritanopia

49.3367, 50.2820, 62.3634

Trichromacy



Original Color

55.0232, 50.4614, 90.0591

Protanomaly

52.3187, 50.2224, 92.5243

Deuteranomaly

52.9114, 50.5973, 89.4156

Tritanomaly

51.3205, 50.1623, 71.9432

Monochromacy



Original Color

55.0232, 50.4614, 90.0591

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.2713, 51.4816, 67.5562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0232, 50.4614, 90.0591 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(197, 179, 241)` looks like.

```
.text, #text, p{  
    color:rgb(197, 179, 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(197, 179, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 179, 241) }
```

Border

The CSS property to change the border of an element to XYZ 55.0232, 50.4614, 90.0591 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(197, 179, 241) }
```


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

```
.border{ border-color:rgb(197, 179, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 179, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 179, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 179, 241);  
box-shadow:4px 4px 4px 4px rgb(197, 179,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0232, 50.4614, 90.0591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 179, 241) }
```

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

```
.background{ background-color: rgb(197,  
179, 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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