

Converting Colors

XYZ(55.9135, 48.0875, 90.0976)

Have a look what the booklet for
XYZ(55.9135, 48.0875, 90.0976)
contains.

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Color

**XYZ(55.9471, 48.0521,
90.3307)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA9F2
RGB	207, 169, 242
RGB Percent	81%, 66%, 95%
CMY	0.1882, 0.3372, 0.0510
CMYK	0.14, 0.30, 0.00, 0.05
HSL	271°, 74%, 81%
HSV	271°, 30%, 95%
XYZ	55.9471, 48.0521, 90.3307
YIQ	188.6840, -0.7850, 30.7590

Conversions

Conversions Part 2

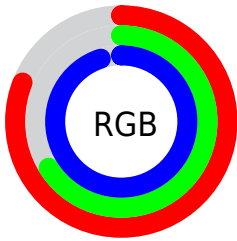
Format	Color
R _Y B	207, 169, 242
Decimal	13609458
CIE Lab	74.86, 27.41, -31.28
CIE LCh	75, 41.584, 311.228
Yxy	48.0521, 0.2879, 0.2473
Android (android.graphics.Color)	4291799538 (0xFFCFA9F2)
YUV	188.6840, 26.2848, 16.0631
Hunter-Lab	69.3196, 22.7560, -28.7373

Details

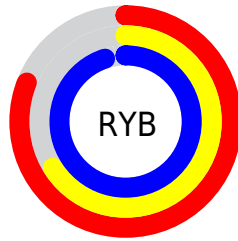
The XYZ color **55.9471, 48.0521, 90.3307** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.8169, 79.2074, 49.4632**, and the grayscale version is **48.0458, 50.5479, 55.0466**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **28.1731, 22.9432, 49.3980** is the 20% darker color. If you saturate the color by 10%, you get **48.7317, 38.2572, 88.8212**, and if you desaturate by 10%, it is **64.2371, 59.6401, 92.1312**.

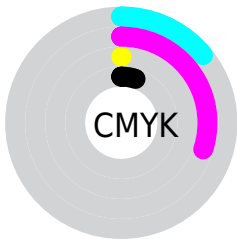
Distribution



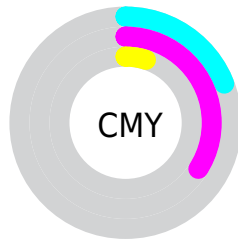
- Red (81%)
- Green (66%)
- Blue (95%)



- Red (81%)
- Yellow (66%)
- Blue (95%)



- Cyan (14%)
- Magenta (30%)
- Yellow (0%)
- Black (5%)





- Cyan (19%)
- Magenta (34%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9471, 48.0521, 90.3307 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 55.9471, 48.0521, 90.3307 by changing the saturation by 10% instead.


 55.9471, 48.0521,
90.3307


 55.9471, 48.0521,
90.3307


399.5704,
378.9986, 549.7039

 40.3973, 33.8681,
67.6797

 98.0675, 87.2820,
149.7372

 28.0341, 22.7923,
49.1721


 125.3688,
113.0967, 187.3298

 18.4919, 14.4402,
34.3895


157.3181,
143.5571, 230.7400

 11.4056, 8.4275,
22.9132

194.2806,
179.0476, 280.3863

 6.4096, 4.3697,
14.3247

236.6217,
219.9526, 336.6873

 3.1387, 1.8824,
8.2055

284.7068,

 1.2275, 0.5378,

266.6565, 400.0615

4.1371

338.9013,
319.5437, 470.9275

■ 0.1280, 0.0000,
1.7009

■ 0.0000, 0.0000,
0.3613

■ 55.9471, 48.0521,
90.3307

■ 55.9471, 48.0521,
90.3307

■ 48.7317, 38.2572,
88.8212

■ 64.2371, 59.6401,
92.1312

■ 42.5350, 30.1548,
87.5838

■ 73.6443, 73.1028,
94.2340

■ 37.3028, 23.6431,
86.6027

■ 84.2148, 88.5238,
96.6534

■ 32.9733, 18.6066,
85.8588

■ 92.4460, 98.8913,
98.2207

■ 29.4765, 14.9135,
85.3302

■ 93.0272, 99.1909,
98.2479

■ 26.7295, 12.4070,
84.9912

■ 24.6273, 10.8444,
84.8004

Harmonies

Analogous

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



48.5638, 48.0521, 104.7546



55.9471, 48.0521, 90.3307



60.8781, 48.0521, 66.9073

Triad

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



55.9471, 48.0521, 90.3307



50.5158, 48.0521, 21.9550



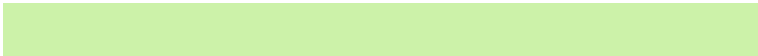
32.8364, 48.0521, 60.8599

Complementary

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



55.9471, 48.0521, 90.3307



63.8169, 79.2074, 49.4632

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.



33.2357, 48.0521, 40.0247



55.9471, 48.0521, 90.3307



42.8975, 48.0521, 21.1692

Square

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



55.9471, 48.0521, 90.3307



57.5113, 48.0521, 29.3842



36.7390, 48.0521, 26.8234



35.5806, 48.0521, 84.8653

Rectangle

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



55.9471, 48.0521, 90.3307



61.8162, 48.0521, 51.4330



36.7390, 48.0521, 26.8234



32.6161, 48.0521, 53.2183

Sweetspot

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



55.9487, 48.0541, 90.3318



84.2277, 84.1938, 106.4195



54.0512, 58.1682, 92.3840



17.6755, 17.5107, 22.6982



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.



55.9487, 48.0541, 90.3318



58.0427, 47.3323, 100.6846



66.6520, 53.5929, 89.8819



15.6823, 15.6335, 19.9126



13.3888, 5.9076, 45.5625



1.2287, 0.5507, 3.7957

Inverse Universe

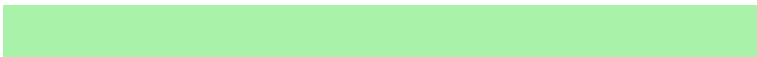
The Inverse Universe completely reimagines the original color for something new.



61.7065, 51.6147, 63.8389



65.6614, 52.0409, 65.7529



55.3921, 74.8510, 49.6680



16.0885, 15.8851, 18.0220



21.4341, 10.8461, 10.2024



1.8331, 0.9223, 1.1121

Previews

White Background



This preview shows how the XYZ color 55.9471, 48.0521, 90.3307 looks on a white background.

Color Contrast Check

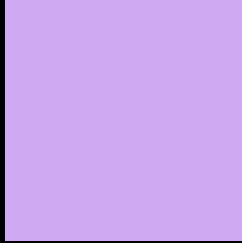
Large Text (above 18pt) WCAG AA × Fail

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 55.9471, 48.0521, 90.3307 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 55.9471, 48.0521, 90.3307

Background



This preview shows how black text looks on a background with the XYZ color 55.9471, 48.0521, 90.3307.



This preview shows how white text looks on a background with the XYZ color 55.9471, 48.0521,

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

55.9471, 48.0521, 90.3307

Protanopia

49.6085, 48.3767, 98.8184

Deuteranopia

49.4856, 48.2233, 89.1379



Tritanopia

49.2989, 48.2326, 57.1636

Trichromacy



Original Color

55.9471, 48.0521, 90.3307

Protanomaly

51.4878, 47.9249, 95.3437

Deuteranomaly

51.6069, 48.1094, 89.7852

Tritanomaly

51.4450, 47.9196, 68.1660

Monochromacy



Original Color

55.9471, 48.0521, 90.3307

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.8781, 49.7457, 66.5948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9471, 48.0521, 90.3307 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(207, 169, 242)` looks like.

```
.text, #text, p{  
    color:rgb(207, 169, 242)  
}
```

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(207, 169, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 169, 242) }
```

Border

The CSS property to change the border of an element to XYZ 55.9471, 48.0521, 90.3307 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(207, 169, 242) }
```


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

```
.border{ border-color:rgb(207, 169, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 169, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 169, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 169, 242);  
box-shadow:4px 4px 4px 4px rgb(207, 169,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9471, 48.0521, 90.3307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 169, 242) }
```

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

```
.background{ background-color: rgb(207,  
169, 242) }
```

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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