

Converting Colors

XYZ(59.2387, 55.7474, 89.6132)

Have a look what the booklet for
XYZ(59.2387, 55.7474, 89.6132)
contains.

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Color

**XYZ(59.2312, 55.7490,
89.3002)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CEBDEF |
| RGB | 206, 189, 239 |
| RGB Percent | 81%, 74%, 94% |
| CMY | 0.1921, 0.2588, 0.0627 |
| CMYK | 0.14, 0.21, 0.00, 0.06 |
| HSL | 260°, 61%, 84% |
| HSV | 260°, 21%, 94% |
| XYZ | 59.2312, 55.7490, 89.3002 |
| YIQ | 199.7830, -5.9180, 19.1540 |

Conversions

Conversions Part 2

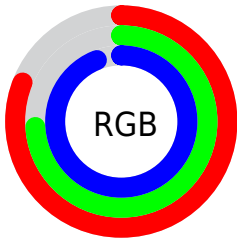
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 206, 189, 239 |
| Decimal | 13549039 |
| CIE Lab | 79.47, 15.57, -22.60 |
| CIE LCh | 79, 27.446, 304.553 |
| Yxy | 55.7490, 0.2900, 0.2729 |
| Android (android.graphics.Color) | 4291739119 (0xFFCEBDEF) |
| YUV | 199.7830, 19.3340, 5.4523 |
| Hunter-Lab | 74.6653, 10.9381, -18.6456 |

Details

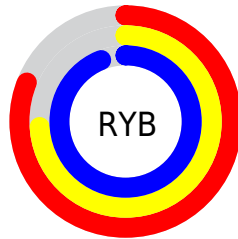
The XYZ color **59.2312, 55.7490, 89.3002** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.1779, 80.9381, 60.0705**, and the grayscale version is **54.6552, 57.5015, 62.6192**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **30.1139, 27.6065, 48.5412** is the 20% darker color. If you saturate the color by 10%, you get **50.3462, 44.1565, 87.5318**, and if you desaturate by 10%, it is **69.4063, 69.2670, 91.3740**.

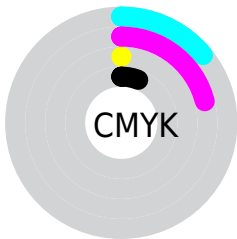
Distribution



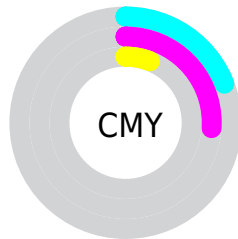
- Red (81%)
- Green (74%)
- Blue (94%)



- Red (81%)
- Yellow (74%)
- Blue (94%)



- Cyan (14%)
- Magenta (21%)
- Yellow (0%)
- Black (6%)



- Cyan (19%)
- Magenta (26%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2312, 55.7490, 89.3002 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 59.2312, 55.7490, 89.3002 by changing the saturation by 10% instead.

■ 59.2312, 55.7490,
89.3002

■ 59.2312, 55.7490,
89.3002

411.6385,
408.7449, 546.2630

■ 43.0463, 40.0017,
66.8299

■ 102.8263, 98.6375,
148.2930

■ 30.1162, 27.5399,
48.4857

130.9673,
126.5475, 185.6526

■ 20.0753, 17.9791,
33.8490

163.8244,
159.2805, 228.8123

■ 12.5584, 10.9350,
22.5012

201.7629,
197.2210, 278.1909

■ 7.2000, 6.0231,
14.0238

245.1482,
240.7532, 334.2066

■ 3.6350, 2.8592,
7.9983

294.3457,

■ 1.4978, 1.0586,

290.2617, 397.2782

4.0061

349.7206,
346.1308, 467.8242

■ 0.3243, 0.0000,
1.6287

■ 0.0000, 0.0000,
0.3112

■ 59.2312, 55.7490,
89.3002

■ 59.2312, 55.7490,
89.3002

■ 50.3462, 44.1565,
87.5318

■ 69.4063, 69.2670,
91.3740

■ 42.6919, 34.3929,
86.0507

■ 80.9173, 84.7870,
93.7630

■ 36.2113, 26.3637,
84.8424

■ 91.9670, 98.6960,
95.8653

■ 30.8411, 19.9629,
83.8900

■ 92.5802, 99.0121,
95.8940

■ 26.5111, 15.0725,
83.1743

■ 23.1420, 11.5578,
82.6734

■ 20.6412, 9.2587,
82.3615

■ 18.9954, 7.9927,
82.2038

Harmonies

Analogous

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



53.8338, 55.7490, 96.2786



59.2312, 55.7490, 89.3002



63.1494, 55.7490, 74.7049

Triad

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



59.2312, 55.7490, 89.3002



57.6751, 55.7490, 37.2043



43.1062, 55.7490, 63.1434

Complementary

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



59.2312, 55.7490, 89.3002



70.1779, 80.9381, 60.0705

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.



43.9793, 55.7490, 48.5669



59.2312, 55.7490, 89.3002



52.1507, 55.7490, 35.1855

Square

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



59.2312, 55.7490, 89.3002



62.2081, 55.7490, 45.0573



47.1992, 55.7490, 38.9706



44.7267, 55.7490, 79.6022

Rectangle

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



59.2312, 55.7490, 89.3002



64.2582, 55.7490, 63.6295



47.1992, 55.7490, 38.9706



43.1188, 55.7490, 57.8641

Sweetspot

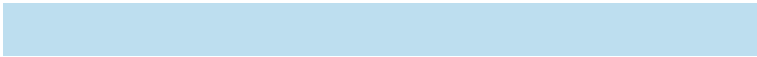
The Sweet Spot groups the original color and five complimentary colors.



59.2330, 55.7513, 89.3014



86.7437, 88.7585, 107.1680



62.7780, 69.4725, 91.7630



18.3806, 18.7472, 22.8998



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.



59.2330, 55.7513, 89.3014



64.1538, 58.7255, 102.5616



66.6268, 59.5630, 89.6475



15.4038, 15.4899, 19.8996



10.6229, 4.4817, 45.4330



0.9862, 0.4257, 3.7844

Inverse Universe

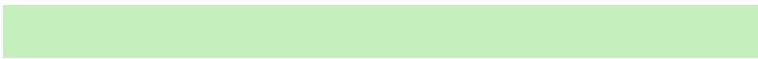
The Inverse Universe completely reimagines the original color for something new.



66.9808, 60.0222, 77.1648



74.6800, 64.5326, 85.8555



63.1670, 77.3239, 59.7424



16.2126, 15.9348, 18.6758



23.1337, 11.5259, 19.1525



1.9708, 0.9774, 1.8373

Previews

White Background



This preview shows how the XYZ color 59.2312, 55.7490, 89.3002 looks on a white background.

Color Contrast Check

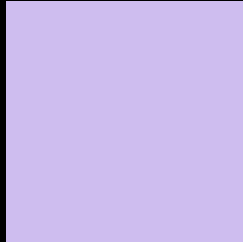
Large Text (above 18pt) WCAG AA × Fail

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 59.2312, 55.7490, 89.3002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

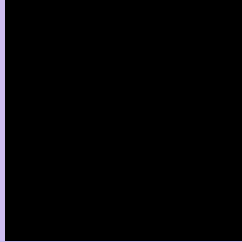
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2312, 55.7490, 89.3002

Background



This preview shows how black text looks on a background with the XYZ color 59.2312, 55.7490, 89.3002.



This preview shows how white text looks on a background with the XYZ color 59.2312, 55.7490,

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

59.2312, 55.7490, 89.3002

Protanopia

55.9425, 55.9404, 92.6431

Deuteranopia

57.0083, 55.9151, 88.6770



Tritanopia

55.0120, 55.6542, 68.8157

Trichromacy



Original Color

59.2312, 55.7490, 89.3002

Protanomaly

57.0893, 55.8882, 91.7830

Deuteranomaly

57.8354, 56.0144, 88.6525

Tritanomaly

56.5294, 55.6162, 76.1622

Monochromacy



Original Color

59.2312, 55.7490, 89.3002

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.2346, 56.8915, 71.6356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2312, 55.7490, 89.3002 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(206, 189, 239)` looks like.

```
.text, #text, p{  
    color:rgb(206, 189, 239)  
}
```

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(206, 189, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 189, 239) }
```

Border

The CSS property to change the border of an element to XYZ 59.2312, 55.7490, 89.3002 is called "border". The border property can be set on classes, ids or directly on the HTML element.

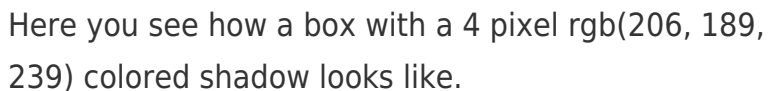
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 189, 239) }
```


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

```
.border{ border-color:rgb(206, 189, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 189, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 189, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 189, 239); box-shadow:4px 4px 4px 4px rgb(206, 189, 239) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2312, 55.7490, 89.3002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 189, 239) }
```

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

```
.background{ background-color: rgb(206,  
189, 239) }
```

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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