

Converting Colors

XYZ(58.2520, 49.5602, 91.6588)

Have a look what the booklet for
XYZ(58.2520, 49.5602, 91.6588)
contains.

XYZ(57.9930, 49.3666, 91.2662)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.9930, 49.3666,
91.2662)**

Conversions

Conversions Part 1

Format	Color
Hex	D5AAF3
RGB	213, 170, 243
RGB Percent	84%, 67%, 95%
CMY	0.1647, 0.3333, 0.0471
CMYK	0.12, 0.30, 0.00, 0.05
HSL	275°, 75%, 81%
HSV	275°, 30%, 95%
XYZ	57.9930, 49.3666, 91.2662
YIQ	191.1790, 2.1950, 31.8190

Conversions

Conversions Part 2

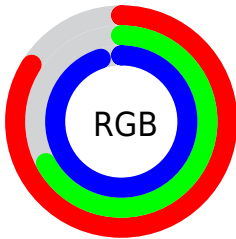
Format	Color
R _Y B	213, 170, 243
Decimal	14002931
CIE Lab	75.68, 28.91, -30.51
CIE LCh	76, 42.031, 313.465
Yxy	49.3666, 0.2920, 0.2485
Android (android.graphics.Color)	4292193011 (0xFFD5AAF3)
YUV	191.1790, 25.5478, 19.1370
Hunter-Lab	70.2614, 24.3746, -27.8320

Details

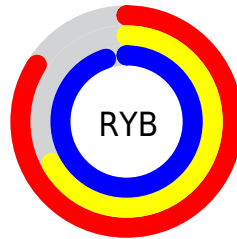
The XYZ color **57.9930, 49.3666, 91.2662** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.1272, 79.2840, 50.0085**, and the grayscale version is **49.4820, 52.0589, 56.6922**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **29.2356, 23.4785, 50.0046** is the 20% darker color. If you saturate the color by 10%, you get **51.0441, 39.6366, 89.7551**, and if you desaturate by 10%, it is **65.9654, 60.8765, 93.0684**.

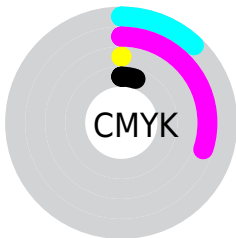
Distribution



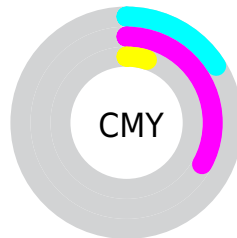
- Red (84%)
- Green (67%)
- Blue (95%)



- Red (84%)
- Yellow (67%)
- Blue (95%)



- Cyan (12%)
- Magenta (30%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (33%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9930, 49.3666, 91.2662 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 57.9930, 49.3666, 91.2662 by changing the saturation by 10% instead.

57.9930, 49.3666,
91.2662

57.9930, 49.3666,
91.2662

407.1141,
384.1838, 552.8172

42.0463, 34.9104,
68.4517

101.0357, 89.2357,
151.0468

29.3288, 23.5938,
49.7963

128.8623,
115.4174, 188.8500

19.4752, 15.0326,
34.8815

161.3797,
146.2763, 232.4865

12.1202, 8.8423,
23.2888

198.9531,
182.1969, 282.3748

6.8984, 4.6384,
14.5996

241.9479,
223.5635, 338.9335

3.4444, 2.0367,
8.3954

290.7294,

1.3929, 0.6287,

270.7606, 402.5811

4.2576

345.6630,
324.1726, 473.7361

■ 0.2512, 0.0000,
1.7677

■ 0.0000, 0.0000,
0.4065

■ 57.9930, 49.3666,
91.2662

■ 57.9930, 49.3666,
91.2662

■ 51.0441, 39.6366,
89.7551

■ 65.9654, 60.8765,
93.0684

■ 45.0643, 31.5857,
88.5163

■ 75.0024, 74.2474,
95.1730

■ 40.0009, 25.1124,
87.5337

■ 85.1487, 89.5630,
97.5944

■ 35.7937, 20.1012,
86.7882

■ 92.4268, 98.8640,
99.0061

■ 32.3743, 16.4205,
86.2580

■ 93.1778, 99.2511,
99.0412

■ 29.6615, 13.9134,
85.9170

■ 27.5294, 12.3231,
85.7225

Harmonies

Analogous

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



50.4948, 49.3666, 107.1659



57.9930, 49.3666, 91.2662



62.7878, 49.3666, 66.9022

Triad

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



57.9930, 49.3666, 91.2662



51.3129, 49.3666, 22.2339



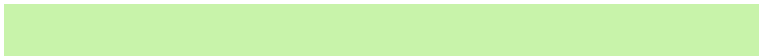
33.8150, 49.3666, 64.3672

Complementary

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



57.9930, 49.3666, 91.2662



63.1272, 79.2840, 50.0085

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.



33.9822, 49.3666, 42.4485



57.9930, 49.3666, 91.2662



43.5208, 49.3666, 21.9054

Square

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



57.9930, 49.3666, 91.2662



58.6487, 49.3666, 29.3214



37.3572, 49.3666, 28.2502



36.8720, 49.3666, 88.9736

Rectangle

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



57.9930, 49.3666, 91.2662



63.5092, 49.3666, 51.2017



37.3572, 49.3666, 28.2502



33.5072, 49.3666, 56.3852

Sweetspot

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



57.9946, 49.3687, 91.2673



84.7755, 84.4763, 106.4451



53.5079, 56.5208, 92.8843



17.8105, 17.5803, 22.7046



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.



57.9946, 49.3687, 91.2673



59.8796, 48.2792, 100.7706



66.6121, 53.9155, 86.9538



16.5168, 16.4091, 20.8393



15.2659, 6.8442, 47.0545



1.4582, 0.6616, 4.1411

Inverse Universe

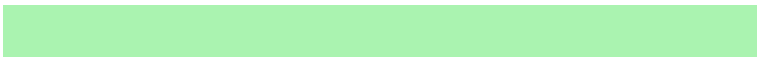
The Inverse Universe completely reimagines the original color for something new.



61.7637, 51.9762, 61.4224



64.9066, 51.7390, 61.7783



56.4745, 75.7864, 52.7713



16.7815, 16.5954, 18.5958



21.6081, 10.9867, 7.9107



1.9489, 0.9855, 0.9573

Previews

White Background



This preview shows how the XYZ color 57.9930, 49.3666, 91.2662 looks on a white background.

Color Contrast Check

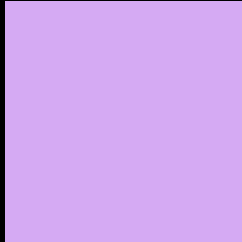
Large Text (above 18pt) WCAG AA × Fail

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 57.9930, 49.3666, 91.2662 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 57.9930, 49.3666, 91.2662

Background



This preview shows how black text looks on a background with the XYZ color 57.9930, 49.3666, 91.2662.



This preview shows how white text looks on a background with the XYZ color 57.9930, 49.3666,

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

57.9930, 49.3666, 91.2662

Protanopia

50.9662, 49.6522, 100.6636

Deuteranopia

50.5662, 49.3883, 89.3059



Tritanopia

51.2357, 49.5167, 57.8962

Trichromacy



Original Color

57.9930, 49.3666, 91.2662

Protanomaly

53.1426, 49.3327, 97.1637

Deuteranomaly

52.7838, 49.0105, 89.8970

Tritanomaly

53.4214, 49.2140, 68.9710

Monochromacy



Original Color

57.9930, 49.3666, 91.2662

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.1195, 50.6622, 68.0046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9930, 49.3666, 91.2662 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(213, 170, 243)` looks like.

```
.text, #text, p{  
    color:rgb(213, 170, 243)  
}
```

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(213, 170, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 170, 243) }
```

Border

The CSS property to change the border of an element to XYZ 57.9930, 49.3666, 91.2662 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(213, 170, 243) }
```


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

```
.border{ border-color:rgb(213, 170, 243) }
```

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

Here you see how a box with a 4 pixel rgb(213, 170, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 170, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 170, 243);  
box-shadow:4px 4px 4px 4px rgb(213, 170,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9930, 49.3666, 91.2662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 170, 243) }
```

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

```
.background{ background-color: rgb(213,  
170, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor