

Converting Colors

XYZ(30.5704, 29.6096, 50.3578)

Have a look what the booklet for
XYZ(30.5704, 29.6096, 50.3578)
contains.

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Color

**XYZ(30.5132, 29.5114,
50.5424)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9190BA |
| RGB | 145, 144, 186 |
| RGB Percent | 57%, 56%, 73% |
| CMY | 0.4314, 0.4353, 0.2706 |
| CMYK | 0.22, 0.23, 0.00, 0.27 |
| HSL | 241°, 23%, 65% |
| HSV | 241°, 23%, 73% |
| XYZ | 30.5132, 29.5114, 50.5424 |
| YIQ | 149.0870, -12.8860, 13.2740 |

Conversions

Conversions Part 2

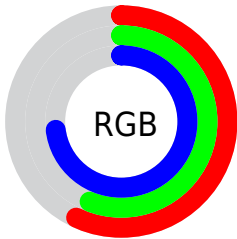
| Format | Color |
|-------------------------------------|--|
| RYB | 145, 144, 186 |
| Decimal | 9539770 |
| CIELab | 61.23, 9.47, -21.70 |
| CIELCh | 61, 23.678, 293.584 |
| Yxy | 29.5114, 0.2760, 0.2669 |
| Android (android.graphics.Color) | 4287729850 (0xFF9190BA) |
| YUV | 149.0870, 18.1981, -3.5843 |
| Hunter-Lab | 54.3244, 5.1931, -17.1352 |

Details

The XYZ color **30.5132, 29.5114, 50.5424** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.6014, 47.4464, 33.2996**, and the grayscale version is **28.5341, 30.0201, 32.6919**.

A 20% lighter version of the original color is **59.7743, 58.9411, 92.2307**, and **12.8524, 12.0785, 23.8443** is the 20% darker color. If you saturate the color by 10%, you get **24.9770, 22.8148, 49.5421**, and if you desaturate by 10%, it is **37.0268, 37.4023, 51.7227**.

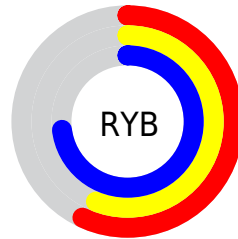
Distribution



Red (57%)

Green (56%)

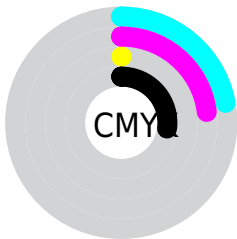
Blue (73%)



Red (57%)

Yellow (56%)

Blue (73%)

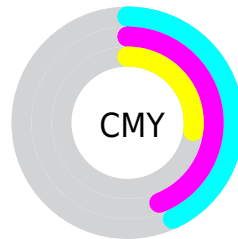


Cyan (22%)

Magenta (23%)

Yellow (0%)

Black (27%)



Cyan (43%)

Magenta (44%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5132, 29.5114, 50.5424 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 30.5132, 29.5114, 50.5424 by changing the saturation by 10% instead.

■ 30.5132, 29.5114,
50.5424

■ 30.5132, 29.5114,
50.5424

296.1564,
299.6203, 405.5790

■ 20.3785, 19.4680,
35.4704

■ 59.8539, 58.8886,
92.3826

■ 12.7803, 12.0089,
23.7390

■ 79.7906, 78.9913,
119.9878

■ 7.3534, 6.7498,
14.9297

103.7253,
103.2158, 152.6078

■ 3.7324, 3.3061,
8.6240

132.0233,
131.9466, 190.6612

■ 1.5519, 1.2936,
4.4033

165.0501,
165.5680, 234.5664

■ 0.3607, 0.1362,
1.8491

203.1710,

■ 0.0000, 0.0000,

204.4645, 284.7421

0.4601

246.7513,
249.0205, 341.6068

■ 0.0000, 0.0000,
0.0000

■ 30.5132, 29.5114,
50.5424

■ 30.5132, 29.5114,
50.5424

■ 24.9770, 22.8148,
49.5421

■ 37.0268, 37.4023,
51.7227

■ 20.3684, 17.2509,
48.7111

■ 44.5588, 46.5379,
53.0890

■ 16.6375, 12.7583,
48.0405

■ 53.1512, 56.9700,
54.6498

■ 13.7286, 9.2680,
47.5202

■ 62.8429, 68.7464,
56.4120

■ 11.5798, 6.7033,
47.1384

■ 73.6708, 81.9127,
58.3827

■ 10.1199, 4.9761,
46.8819

■ 85.4771, 96.1263,
60.5039

■ 9.2650, 3.9816,
46.7350

■ 85.8630, 96.3252,
60.5220

■ 8.9184, 3.5738,
46.6746

Harmonies

Analogous

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



27.3861, 29.5114, 52.3549



30.5132, 29.5114, 50.5424



33.1473, 29.5114, 43.4212

Triad

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



30.5132, 29.5114, 50.5424



31.7551, 29.5114, 20.2182



22.5123, 29.5114, 30.2551

Complementary

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



30.5132, 29.5114, 50.5424



42.6014, 47.4464, 33.2996

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.



23.5035, 29.5114, 22.9931



30.5132, 29.5114, 50.5424



28.7239, 29.5114, 17.9312

Square

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



30.5132, 29.5114, 50.5424



33.9006, 29.5114, 25.7510



25.7225, 29.5114, 18.8440



22.9140, 29.5114, 39.4907

Rectangle

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



30.5132, 29.5114, 50.5424



34.1918, 29.5114, 37.2250



25.7225, 29.5114, 18.8440



22.6911, 29.5114, 27.5277

Sweetspot

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



30.5141, 29.5126, 50.5431



74.3377, 76.5542, 95.0598



37.7771, 44.2987, 53.0143



16.1888, 16.6382, 20.9008



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.5141, 29.5126, 50.5431



50.2072, 47.3201, 90.6889



34.5002, 31.5675, 50.7296



8.5403, 8.7294, 11.3143



6.0090, 2.4090, 31.4013



0.2186, 0.0884, 1.1073

Inverse Universe

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



38.9808, 33.8895, 50.3869



68.2264, 56.6362, 90.3159



37.9656, 45.0566, 33.0826



9.3715, 9.1590, 11.3035



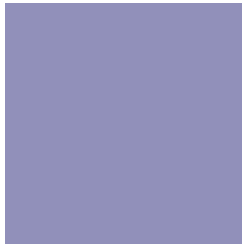
19.2786, 9.2852, 30.4178



0.6825, 0.3285, 1.0877

Previews

White Background



This preview shows how the XYZ color 30.5132, 29.5114, 50.5424 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5132, 29.5114, 50.5424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

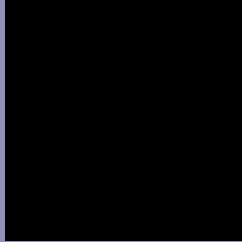
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.5132, 29.5114, 50.5424

Background



This preview shows how black text looks on a background with the XYZ color 30.5132, 29.5114, 50.5424.



This preview shows how white text looks on a background with the XYZ color 30.5132, 29.5114,

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

30.5132, 29.5114, 50.5424

Protanopia

29.6725, 29.5070, 51.7085

Deuteranopia

30.1437, 29.5468, 50.5687



Tritanopia

27.9078, 29.6084, 37.5018

Trichromacy



Original Color

30.5132, 29.5114, 50.5424

Protanomaly

29.9103, 29.4141, 51.1148

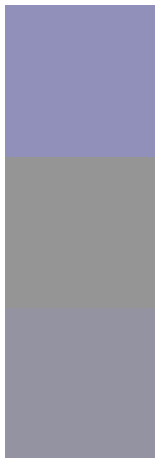
Deuteranomaly

30.3160, 29.6356, 50.5768

Tritanomaly

28.7505, 29.4828, 41.7116

Monochromacy



Original Color

30.5132, 29.5114, 50.5424

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.1680, 29.7720, 38.3917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5132, 29.5114, 50.5424 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(145, 144, 186)` looks like.

```
.text, #text, p{  
    color:rgb(145, 144, 186)  
}
```

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(145, 144, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 144, 186) }
```

Border

The CSS property to change the border of an element to XYZ 30.5132, 29.5114, 50.5424 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(145, 144, 186) }
```


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

```
.border{ border-color:rgb(145, 144, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 144, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 144, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 144, 186);  
box-shadow:4px 4px 4px 4px rgb(145, 144,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5132, 29.5114, 50.5424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 144, 186) }
```

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

```
.background{ background-color: rgb(145,  
144, 186) }
```

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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