

Converting Colors

XYZ(30.2405, 24.5839, 63.8622)

Have a look what the booklet for
XYZ(30.2405, 24.5839, 63.8622)
contains.

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Color

**XYZ(30.2694, 24.5920,
64.1241)**

Conversions

Conversions Part 1

Format	Color
Hex	917AD2
RGB	145, 122, 210
RGB Percent	57%, 48%, 82%
CMY	0.4314, 0.5216, 0.1765
CMYK	0.31, 0.42, 0.00, 0.18
HSL	256°, 49%, 65%
HSV	256°, 42%, 82%
XYZ	30.2694, 24.5920, 64.1241
YIQ	138.9090, -14.5400, 32.2440

Conversions

Conversions Part 2

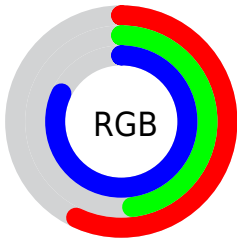
Format	Color
RYB	145, 122, 210
Decimal	9534162
CIELab	56.68, 28.19, -42.34
CIELCh	57, 50.866, 303.657
Yxy	24.5920, 0.2544, 0.2067
Android (android.graphics.Color)	4287724242 (0xFF917AD2)
YUV	138.9090, 35.0479, 5.3418
Hunter-Lab	49.5903, 22.1714, -41.9533

Details

The XYZ color **30.2694, 24.5920, 64.1241** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **47.0536, 58.0637, 27.1407**, and the grayscale version is **24.3799, 25.6496, 27.9324**.

A 20% lighter version of the original color is **57.4674, 50.2975, 101.2873**, and **12.6133, 9.3558, 32.1514** is the 20% darker color. If you saturate the color by 10%, you get **25.4149, 18.6668, 63.2367**, and if you desaturate by 10%, it is **36.0560, 31.8257, 65.2158**.

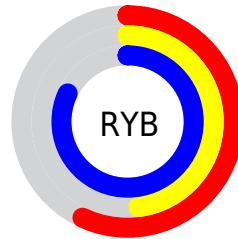
Distribution



Red (57%)

Green (48%)

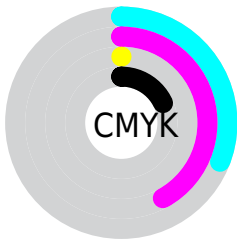
Blue (82%)



Red (57%)

Yellow (48%)

Blue (82%)

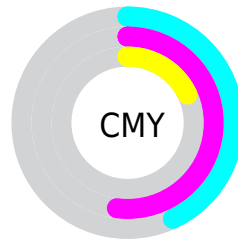


Cyan (31%)

Magenta (42%)

Yellow (0%)

Black (18%)



Cyan (43%)

Magenta (52%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2694, 24.5920, 64.1241 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 30.2694, 24.5920, 64.1241 by changing the saturation by 10% instead.

■ 30.2694, 24.5920,
64.1241

■ 30.2694, 24.5920,
64.1241

295.0455,
275.7999, 457.8574

■ 20.1922, 15.7733,
46.3044

■ 59.4717, 50.9946,
112.3908

■ 12.6439, 9.3639,
32.1357

■ 79.3275, 69.3472,
143.6749

■ 7.2591, 4.9793,
21.1995

■ 103.1736, 91.6467,
180.2842

■ 3.6724, 2.2351,
13.0772

131.3753,
118.2774, 222.6372

■ 1.5185, 0.7390,
7.3504

164.2980,
149.6237, 271.1525

■ 0.3384, 0.0000,
3.6004

202.3070,

■ 0.0000, 0.0000,

186.0699, 326.2486

1.4088

245.7677,
228.0005, 388.3440

■ 0.0000, 0.0000,
0.1486

■ 0.0000, 0.0000,
0.0000

■ 30.2694, 24.5920,
64.1241

■ 30.2694, 24.5920,
64.1241

■ 25.4149, 18.6668,
63.2367

■ 36.0560, 31.8257,
65.2158

■ 21.4386, 13.9670,
62.5391

■ 42.8192, 40.4382,
66.5217

■ 18.2847, 10.4042,
62.0177

■ 50.6036, 50.4985,
68.0533

■ 15.8896, 7.8766,
61.6560

■ 59.4506, 62.0697,
69.8204

■ 14.1788, 6.2633,
61.4348

■ 69.3988, 75.2112,
71.8327

■ 13.2023, 5.4622,
61.3317

■ 80.4850, 89.9794,
74.0989

■ 88.1132, 97.1653,
75.0839

■ 88.6329, 97.4332,
75.1082

Harmonies

Analogous

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



24.1078, 24.5920, 74.2836



30.2694, 24.5920, 64.1241



35.1346, 24.5920, 44.0098

Triad

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



30.2694, 24.5920, 64.1241



28.7993, 24.5920, 6.8954



13.7528, 24.5920, 28.9108

Complementary

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



30.2694, 24.5920, 64.1241



47.0536, 58.0637, 27.1407

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.



14.5829, 24.5920, 14.7564



30.2694, 24.5920, 64.1241



22.6552, 24.5920, 5.6370

Square

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



30.2694, 24.5920, 64.1241



34.1902, 24.5920, 12.4648



17.6143, 24.5920, 7.7720



15.1197, 24.5920, 49.2203

Rectangle

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



30.2694, 24.5920, 64.1241



36.6151, 24.5920, 30.5431



17.6143, 24.5920, 7.7720



13.7855, 24.5920, 23.3330

Sweetspot

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



30.2703, 24.5929, 64.1247



76.9299, 76.2911, 105.2788



37.6429, 44.7579, 67.6283



15.8687, 15.5548, 22.4159



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.



30.2703, 24.5929, 64.1247



40.3666, 30.0870, 98.2876



39.3322, 29.2645, 64.5488



11.4493, 11.5649, 14.8725



8.1340, 3.3735, 37.4149



0.5304, 0.2276, 2.0955

Inverse Universe

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



42.5082, 31.2094, 50.7980



62.0355, 41.8248, 73.6831



38.0618, 53.4282, 26.7199



12.1734, 11.9541, 14.1887



19.8703, 9.8209, 20.0209



1.1426, 0.5618, 1.2857

Previews

White Background



This preview shows how the XYZ color 30.2694, 24.5920, 64.1241 looks on a white background.

Color Contrast Check

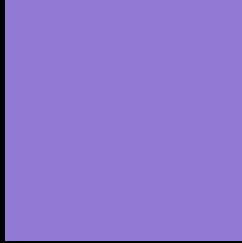
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2694, 24.5920, 64.1241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

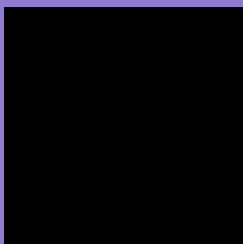
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.2694, 24.5920, 64.1241

Background



This preview shows how black text looks on a background with the XYZ color 30.2694, 24.5920, 64.1241.



This preview shows how white text looks on a background with the XYZ color 30.2694, 24.5920,

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

30.2694, 24.5920, 64.1241

Protanopia

26.7853, 24.7671, 71.0789

Deuteranopia

25.4335, 24.8800, 62.4933



Tritanopia

23.5863, 24.6204, 31.1128

Trichromacy



Original Color

30.2694, 24.5920, 64.1241

Protanomaly

27.7161, 24.5099, 68.2358

Deuteranomaly

26.8376, 24.5686, 63.0022

Tritanomaly

25.6885, 24.4532, 41.3962

Monochromacy



Original Color

30.2694, 24.5920, 64.1241

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.1636, 25.1544, 39.0736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2694, 24.5920, 64.1241 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, 122, 210)` looks like.

```
.text, #text, p{  
    color:rgb(145, 122, 210)  
}
```

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, 122, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 122, 210) }
```

Border

The CSS property to change the border of an element to XYZ 30.2694, 24.5920, 64.1241 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, 122, 210) }
```


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

```
.border{ border-color:rgb(145, 122, 210) }
```

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

Here you see how a box with a 4 pixel rgb(145, 122, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 122, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 122, 210);  
box-shadow:4px 4px 4px 4px rgb(145, 122,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2694, 24.5920, 64.1241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 122, 210) }
```

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

```
.background{ background-color: rgb(145,  
122, 210) }
```

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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