

Converting Colors

XYZ(30.1891, 25.7011, 54.5879)

Have a look what the booklet for
XYZ(30.1891, 25.7011, 54.5879)
contains.

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Color

**XYZ(30.0895, 25.6531,
54.4046)**

Conversions

Conversions Part 1

Format	Color
Hex	977FC2
RGB	151, 127, 194
RGB Percent	59%, 50%, 76%
CMY	0.4078, 0.5019, 0.2392
CMYK	0.22, 0.35, 0.00, 0.24
HSL	261°, 35%, 63%
HSV	261°, 35%, 76%
XYZ	30.0895, 25.6531, 54.4046
YIQ	141.8140, -7.2030, 25.9250

Conversions

Conversions Part 2

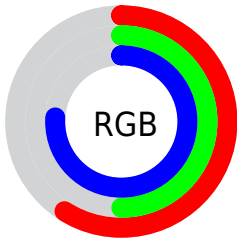
Format	Color
R _Y B	151, 127, 194
Decimal	9928642
CIE Lab	57.71, 23.07, -31.62
CIE LCh	58, 39.146, 306.112
Yxy	25.6531, 0.2732, 0.2329
Android (android.graphics.Color)	4288118722 (0xFF977FC2)
YUV	141.8140, 25.7277, 8.0561
Hunter-Lab	50.6489, 17.4078, -28.2322

Details

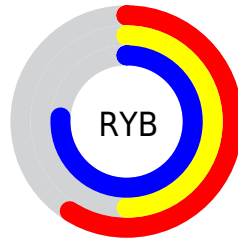
The XYZ color **30.0895, 25.6531, 54.4046** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.7008, 48.6625, 27.3800**, and the grayscale version is **25.5421, 26.8723, 29.2639**.

A 20% lighter version of the original color is **59.1874, 52.7294, 98.3251**, and **12.6036, 9.9949, 26.0759** is the 20% darker color. If you saturate the color by 10%, you get **25.6312, 19.9871, 53.5464**, and if you desaturate by 10%, it is **35.2760, 32.4118, 55.4362**.

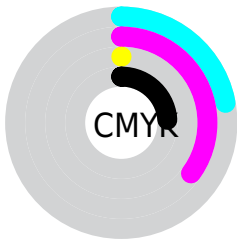
Distribution



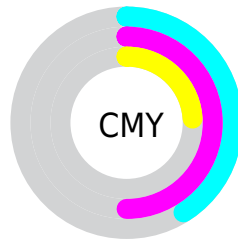
- Red (59%)
- Green (50%)
- Blue (76%)



- Red (59%)
- Yellow (50%)
- Blue (76%)



- Cyan (22%)
- Magenta (35%)
- Yellow (0%)
- Black (24%)



- Cyan (41%)
- Magenta (50%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0895, 25.6531, 54.4046 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 30.0895, 25.6531, 54.4046 by changing the saturation by 10% instead.

■ 30.0895, 25.6531,
54.4046

■ 30.0895, 25.6531,
54.4046

294.2238,
281.0750, 420.8692

■ 20.0549, 16.5643,
38.5299

■ 59.1893, 52.7148,
98.1304

■ 12.5435, 9.9243,
26.0892

■ 78.9853, 71.4565,
126.8186

■ 7.1898, 5.3488,
16.6640

■ 102.7659, 94.1845,
160.6150

■ 3.6284, 2.4533,
9.8358

130.8963,
121.2834, 199.9381

■ 1.4942, 0.8531,
5.1860

163.7419,
153.1375, 245.2066

■ 0.3219, 0.0000,
2.2962

201.6681,

■ 0.0000, 0.0000,

190.1312, 296.8389

0.7291

245.0403,
232.6489, 355.2536

■ 0.0000, 0.0000,
0.0000

■ 30.0895, 25.6531,
54.4046

■ 30.0895, 25.6531,
54.4046

■ 25.6312, 19.9871,
53.5464

■ 35.2760, 32.4118,
55.4362

■ 21.8632, 15.3512,
52.8501

■ 41.2209, 40.3149,
56.6484

■ 18.7477, 11.6811,
52.3059

■ 47.9557, 49.4146,
58.0498

■ 16.2421, 8.9038,
51.9019

■ 55.5093, 59.7587,
59.6483

■ 14.2978, 6.9352,
51.6244

■ 63.9092, 71.3927,
61.4512

■ 12.8571, 5.6741,
51.4570

■ 73.1813, 84.3594,
63.4653

■ 12.2271, 5.1784,
51.3945

■ 80.8105, 93.6195,
64.8506

■ 85.1404, 95.8516,
65.0532

■ 86.7377, 96.6751,
65.1280

Harmonies

Analogous

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



25.3548, 25.6531, 62.2612



30.0895, 25.6531, 54.4046



33.5867, 25.6531, 39.7427

Triad

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



30.0895, 25.6531, 54.4046



28.2174, 25.6531, 10.3539



16.4739, 25.6531, 30.7713

Complementary

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



30.0895, 25.6531, 54.4046



39.7008, 48.6625, 27.3800

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.



17.0352, 25.6531, 18.7288



30.0895, 25.6531, 54.4046



23.4354, 25.6531, 9.3247

Square

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



30.0895, 25.6531, 54.4046



32.4126, 25.6531, 15.3137



19.4470, 25.6531, 11.8378



17.8020, 25.6531, 46.0738

Rectangle

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



30.0895, 25.6531, 54.4046



34.5254, 25.6531, 29.7189



19.4470, 25.6531, 11.8378



16.4504, 25.6531, 26.2179

Sweetspot

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



30.0904, 25.6541, 54.4052



79.8418, 79.9826, 103.6999



32.9689, 37.3640, 56.5137



17.1076, 17.0071, 22.6310



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.



30.0904, 25.6541, 54.4052



48.6360, 38.9764, 97.4296



37.0829, 29.2589, 54.7324



9.8612, 9.9196, 12.6798



8.1209, 3.4469, 33.7939



0.4265, 0.1879, 1.4637

Inverse Universe

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



37.0939, 29.5513, 41.7798



63.3607, 47.1827, 70.3096



33.4481, 45.4391, 27.0874



10.3392, 10.1843, 11.8766



17.0809, 8.5221, 13.6038



0.7699, 0.3810, 0.7559

Previews

White Background



This preview shows how the XYZ color 30.0895, 25.6531, 54.4046 looks on a white background.

Color Contrast Check

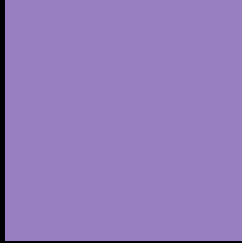
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0895, 25.6531, 54.4046 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 30.0895, 25.6531, 54.4046

Background



This preview shows how black text looks on a background with the XYZ color 30.0895, 25.6531, 54.4046.



This preview shows how white text looks on a background with the XYZ color 30.0895, 25.6531,

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

30.0895, 25.6531, 54.4046

Protanopia

26.9424, 25.9375, 59.4635

Deuteranopia

26.3452, 25.7620, 53.4532



Tritanopia

25.3983, 25.5545, 31.1976

Trichromacy



Original Color

30.0895, 25.6531, 54.4046

Protanomaly

27.7496, 25.5657, 57.5049

Deuteranomaly

27.5289, 25.5308, 53.9291

Tritanomaly

26.9424, 25.5664, 38.6367

Monochromacy



Original Color

30.0895, 25.6531, 54.4046

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.0557, 26.4843, 37.4042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0895, 25.6531, 54.4046 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(151, 127, 194)` looks like.

```
.text, #text, p{  
    color:rgb(151, 127, 194)  
}
```

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(151, 127, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 127, 194) }
```

Border

The CSS property to change the border of an element to XYZ 30.0895, 25.6531, 54.4046 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(151, 127, 194) }
```


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

```
.border{ border-color:rgb(151, 127, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 127, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 127, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 127, 194);  
box-shadow:4px 4px 4px 4px rgb(151, 127,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0895, 25.6531, 54.4046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 127, 194) }
```

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

```
.background{ background-color: rgb(151,  
127, 194) }
```

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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