

Converting Colors

XYZ(30.9965, 24.9195, 54.5889)

Have a look what the booklet for
XYZ(30.9965, 24.9195, 54.5889)
contains.

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Color

**XYZ(31.1849, 25.0885,
54.8287)**

Conversions

Conversions Part 1

Format	Color
Hex	A079C3
RGB	160, 121, 195
RGB Percent	63%, 47%, 76%
CMY	0.3725, 0.5255, 0.2353
CMYK	0.18, 0.38, 0.00, 0.24
HSL	272°, 38%, 62%
HSV	272°, 38%, 76%
XYZ	31.1849, 25.0885, 54.8287
YIQ	141.0970, -0.5100, 31.2820

Conversions

Conversions Part 2

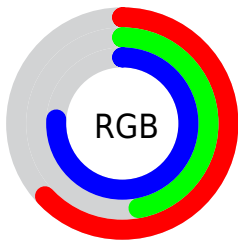
Format	Color
R_{YB}	160, 121, 195
Decimal	10516931
CIE _{Lab}	57.16, 29.51, -32.97
CIE _{LCh}	57, 44.248, 311.821
Yxy	25.0885, 0.2807, 0.2258
Android (android.graphics.Color)	4288707011 (0xFFA079C3)
YUV	141.0970, 26.5742, 16.5779
Hunter-Lab	50.0884, 23.4788, -29.8392

Details

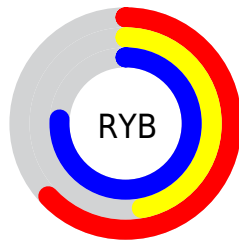
The XYZ color **31.1849, 25.0885, 54.8287** is a light color, and the websafe version is hex **996699**. A complement of this color would be **36.6774, 47.4792, 25.3216**, and the grayscale version is **25.2555, 26.5707, 28.9355**.

A 20% lighter version of the original color is **61.0256, 51.8993, 98.8966**, and **13.1885, 9.6836, 26.3733** is the 20% darker color. If you saturate the color by 10%, you get **27.2746, 19.9037, 54.0344**, and if you desaturate by 10%, it is **35.7127, 31.3037, 55.7901**.

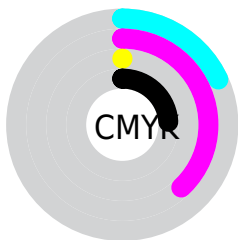
Distribution



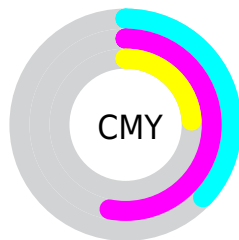
- Red (63%)
- Green (47%)
- Blue (76%)



- Red (63%)
- Yellow (47%)
- Blue (76%)



- Cyan (18%)
- Magenta (38%)
- Yellow (0%)
- Black (24%)



- Cyan (37%)
- Magenta (53%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1849, 25.0885, 54.8287 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 31.1849, 25.0885, 54.8287 by changing the saturation by 10% instead.

■ 31.1849, 25.0885,
54.8287

■ 31.1849, 25.0885,
54.8287

299.2009,
278.2784, 422.5259

■ 20.8922, 16.1430,
38.8669

■ 60.9049, 51.8008,
98.7586

■ 13.1572, 9.6254,
26.3492

■ 81.0630, 70.3363,
127.5637

■ 7.6147, 5.1513,
16.8569

■ 105.2402, 92.8373,
161.4871

■ 3.8991, 2.3363,
9.9717

133.8019,
119.6882, 200.9472

■ 1.6452, 0.7928,
5.2748

167.1134,
151.2734, 246.3626

■ 0.4216, 0.0000,
2.3478

205.5402,

■ 0.0000, 0.0000,

187.9772, 298.1518

0.7578

249.4476,
230.1841, 356.7334

■ 0.0000, 0.0000,
0.0000

■ 31.1849, 25.0885,
54.8287

■ 31.1849, 25.0885,
54.8287

■ 27.2746, 19.9037,
54.0344

■ 35.7127, 31.3037,
55.7901

■ 23.9472, 15.6868,
53.3959

■ 40.8849, 38.6011,
56.9261

■ 21.1684, 12.3728,
52.9027

■ 46.7297, 47.0323,
58.2454

■ 18.8985, 9.8872,
52.5425

■ 53.2729, 56.6448,
59.7559

■ 17.0916, 8.1429,
52.3011

■ 60.5388, 67.4833,
61.4650

■ 15.6801, 7.0100,
52.1568

■ 68.5504, 79.5901,
63.3796

■ 15.4176, 6.8102,
52.1321

■ 76.5257, 91.3976,
65.2383

■ 79.4719, 92.9164,
65.3762

■ 82.5758, 94.5165,
65.5215

Harmonies

Analogous

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



25.9619, 25.0885, 66.2213



31.1849, 25.0885, 54.8287



34.7104, 25.0885, 37.3030

Triad

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



31.1849, 25.0885, 54.8287



27.1165, 25.0885, 8.0960



15.3086, 25.0885, 33.6397

Complementary

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



31.1849, 25.0885, 54.8287



36.6774, 47.4792, 25.3216

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.



15.5240, 25.0885, 19.2942



31.1849, 25.0885, 54.8287



21.8481, 25.0885, 7.7348

Square

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



31.1849, 25.0885, 54.8287



32.1357, 25.0885, 12.2823



17.7593, 25.0885, 11.0062



17.1204, 25.0885, 51.3195

Rectangle

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



31.1849, 25.0885, 54.8287



35.3513, 25.0885, 26.4136



17.7593, 25.0885, 11.0062



15.1545, 25.0885, 28.2410

Sweetspot

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



31.1858, 25.0895, 54.8293



80.1843, 79.1404, 103.5192



29.7539, 32.0411, 56.2465



17.2384, 16.8667, 22.5970



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.



31.1858, 25.0895, 54.8293



49.6555, 36.6976, 96.9360



39.0551, 29.1624, 54.4726



10.0236, 10.0033, 12.6874



10.1183, 4.4766, 33.8874



0.5163, 0.2342, 1.4679

Inverse Universe

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



35.3446, 27.6782, 34.9331



58.5891, 42.2515, 54.5009



30.9285, 44.5067, 25.4499



10.2671, 10.1554, 11.4969



15.9314, 8.0623, 7.5510



0.7232, 0.3623, 0.5095

Previews

White Background



This preview shows how the XYZ color 31.1849, 25.0885, 54.8287 looks on a white background.

Color Contrast Check

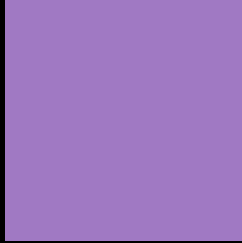
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1849, 25.0885, 54.8287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

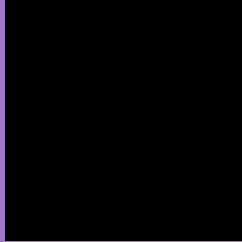
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.1849, 25.0885, 54.8287

Background



This preview shows how black text looks on a background with the XYZ color 31.1849, 25.0885, 54.8287.



This preview shows how white text looks on a background with the XYZ color 31.1849, 25.0885,

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

31.1849, 25.0885, 54.8287

Protanopia

26.6146, 25.2949, 61.8722

Deuteranopia

25.9263, 25.3360, 53.3930



Tritanopia

25.8962, 25.0348, 29.0585

Trichromacy



Original Color

31.1849, 25.0885, 54.8287

Protanomaly

27.8492, 24.9754, 59.2300

Deuteranomaly

27.5735, 25.1512, 53.8535

Tritanomaly

27.4786, 24.8816, 37.0726

Monochromacy



Original Color

31.1849, 25.0885, 54.8287

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.1709, 25.9193, 37.2891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1849, 25.0885, 54.8287 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(160, 121, 195)` looks like.

```
.text, #text, p{  
    color:rgb(160, 121, 195)  
}
```

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(160, 121, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 121, 195) }
```

Border

The CSS property to change the border of an element to XYZ 31.1849, 25.0885, 54.8287 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(160, 121, 195) }
```


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

```
.border{ border-color:rgb(160, 121, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 121, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 121, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 121, 195);  
box-shadow:4px 4px 4px 4px rgb(160, 121,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1849, 25.0885, 54.8287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 121, 195) }
```

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

```
.background{ background-color: rgb(160,  
121, 195) }
```

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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