

Converting Colors

XYZ(31.6137, 26.3679, 30.1022)

Have a look what the booklet for
XYZ(31.6137, 26.3679, 30.1022)
contains.

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Color

**XYZ(31.6099, 26.4047,
30.2187)**

Conversions

Conversions Part 1

Format	Color
Hex	B67C91
RGB	182, 124, 145
RGB Percent	71%, 49%, 57%
CMY	0.2863, 0.5137, 0.4314
CMYK	0.00, 0.32, 0.20, 0.29
HSL	338°, 28%, 60%
HSV	338°, 32%, 71%
XYZ	31.6099, 26.4047, 30.2187
YIQ	143.7360, 27.8270, 18.8270

Conversions

Conversions Part 2

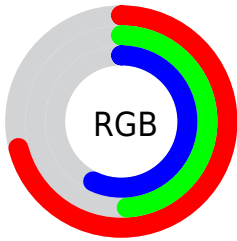
Format	Color
R_{YB}	182, 124, 145
Decimal	11959441
CIE Lab	58.42, 25.64, -2.15
CIE LCh	58, 25.734, 355.211
Yxy	26.4047, 0.3583, 0.2993
Android (android.graphics.Color)	4290149521 (0xFFB67C91)
YUV	143.7360, 0.6232, 33.5575
Hunter-Lab	51.3855, 19.8800, 1.1027

Details

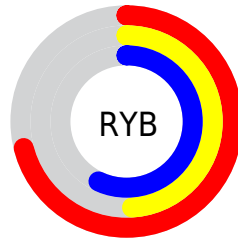
The XYZ color **31.6099, 26.4047, 30.2187** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.4743, 40.3149, 39.8428**, and the grayscale version is **26.3935, 27.7680, 30.2393**.

A 20% lighter version of the original color is **61.6275, 53.9185, 61.1920**, and **13.4164, 10.3130, 12.1100** is the 20% darker color. If you saturate the color by 10%, you get **28.6861, 21.9172, 25.0503**, and if you desaturate by 10%, it is **35.0477, 31.7731, 36.0105**.

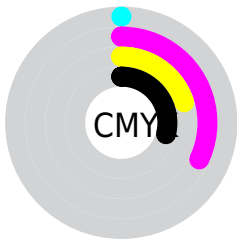
Distribution



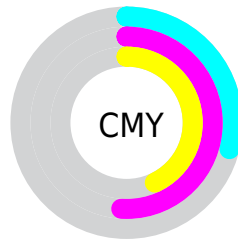
- Red (71%)
- Green (49%)
- Blue (57%)



- Red (71%)
- Yellow (49%)
- Blue (57%)



- Cyan (0%)
- Magenta (32%)
- Yellow (20%)
- Black (29%)





- Cyan (29%)
- Magenta (51%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.6099, 26.4047, 30.2187 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 31.6099, 26.4047, 30.2187 by changing the saturation by 10% instead.


 31.6099, 26.4047,
30.2187


 31.6099, 26.4047,
30.2187


301.1153,
284.7631, 317.1615


 21.2178, 17.1266,
19.7512


 61.5684, 53.9271,
61.0730

 13.3967, 10.3248,
12.0320


 81.8655, 72.9403,
82.2968

 7.7811, 5.6149,
6.6427

 106.1949, 95.9672,
107.9431

 4.0058, 2.6123,
3.1646

134.9221,
123.3924, 138.4305

 1.7054, 0.9329,
1.1793

168.4124,
155.6002, 174.1775

 0.4597, 0.0000,
0.0000

207.0311,

 0.0000, 0.0000,

192.9750, 215.6027

0.0000

251.1436,
235.9011, 263.1245

■ 31.6099, 26.4047,
30.2187

■ 31.6099, 26.4047,
30.2187

■ 28.6861, 21.9172,
25.0503

■ 35.0477, 31.7731,
36.0105

■ 26.2480, 18.2595,
20.4816

■ 39.0213, 38.0627,
42.4450

■ 24.2682, 15.3808,
16.4895


■ 43.5538, 45.3156,
49.5427


■ 22.7153, 13.2231,
13.0487


■ 48.6665, 53.5702,
57.3225


■ 21.5536, 11.7203,
10.1315


■ 54.3794, 62.8629,
65.8026

 20.7411, 10.7939,
7.7071

 60.7115, 73.2282,
75.0006

 20.2717, 10.3372,
6.0641

 67.6810, 84.6990,
84.9332

 70.4679, 87.6317,
94.0042

 72.2286, 88.3360,
103.2759

Harmonies

Analogous

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



30.3914, 26.4047, 39.7924



31.6099, 26.4047, 30.2187



30.9679, 26.4047, 21.9934

Triad

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



31.6099, 26.4047, 30.2187



22.6110, 26.4047, 15.7677



21.8060, 26.4047, 45.4252

Complementary

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



31.6099, 26.4047, 30.2187



31.4743, 40.3149, 39.8428

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.



20.0192, 26.4047, 36.7660



31.6099, 26.4047, 30.2187



20.4560, 26.4047, 19.9669

Square

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



31.6099, 26.4047, 30.2187



25.6045, 26.4047, 14.7279



19.5462, 26.4047, 27.3301



24.5960, 26.4047, 49.6629

Rectangle

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



31.6099, 26.4047, 30.2187



29.5971, 26.4047, 18.1380



19.5462, 26.4047, 27.3301



21.0776, 26.4047, 42.8574

Sweetspot

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



31.6106, 26.4059, 30.2192



72.0666, 71.1130, 79.0496



30.2964, 25.3434, 47.5512



15.6757, 15.3217, 17.0764



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



31.6106, 26.4059, 30.2192



53.6175, 42.1894, 48.3152



31.1456, 27.8319, 22.8008



9.1354, 9.0645, 10.0603



14.3449, 7.3117, 4.4370



0.5359, 0.2698, 0.3155

Inverse Universe

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



31.6106, 26.4059, 30.2192



53.6175, 42.1894, 48.3152



31.9442, 38.0385, 49.9148



9.1354, 9.0645, 10.0603



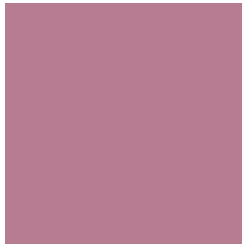
14.3449, 7.3117, 4.4370



0.5359, 0.2698, 0.3155

Previews

White Background



This preview shows how the XYZ color 31.6099, 26.4047, 30.2187 looks on a white background.

Color Contrast Check

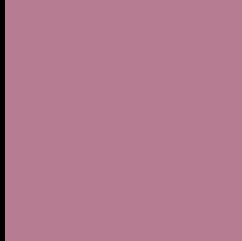
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.6099, 26.4047, 30.2187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

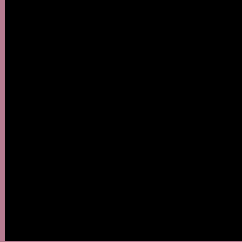
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.6099, 26.4047, 30.2187

Background



This preview shows how black text looks on a background with the XYZ color 31.6099, 26.4047, 30.2187.



This preview shows how white text looks on a background with the XYZ color 31.6099, 26.4047,

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

31.6099, 26.4047, 30.2187

Protanopia

25.9419, 26.6117, 34.7796

Deuteranopia

26.8990, 26.3638, 29.6576



Tritanopia

30.8901, 26.4947, 26.4076

Trichromacy



Original Color

31.6099, 26.4047, 30.2187

Protanomaly

27.6286, 26.2531, 32.8893

Deuteranomaly

28.5951, 26.4087, 29.9758

Tritanomaly

31.0499, 26.3551, 27.8766

Monochromacy



Original Color

31.6099, 26.4047, 30.2187

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.0803, 27.1740, 30.1507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6099, 26.4047, 30.2187 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(182, 124, 145)` looks like.

```
.text, #text, p{  
    color:rgb(182, 124, 145)  
}
```

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(182, 124, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 124, 145) }
```

Border

The CSS property to change the border of an element to XYZ 31.6099, 26.4047, 30.2187 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(182, 124, 145) }
```


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

```
.border{ border-color:rgb(182, 124, 145) }
```

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

Here you see how a box with a 4 pixel rgb(182, 124, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 124, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 124, 145);  
box-shadow:4px 4px 4px 4px rgb(182, 124,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6099, 26.4047, 30.2187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 124, 145) }
```

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

```
.background{ background-color: rgb(182,  
124, 145) }
```

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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