

Converting Colors

XYZ(30.1634, 24.1611, 34.5736)

Have a look what the booklet for
XYZ(30.1634, 24.1611, 34.5736)
contains.

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Color

**XYZ(30.1506, 24.1212,
34.5192)**

Conversions

Conversions Part 1

Format	Color
Hex	B0749C
RGB	176, 116, 156
RGB Percent	69%, 45%, 61%
CMY	0.3098, 0.5451, 0.3882
CMYK	0.00, 0.34, 0.11, 0.31
HSL	320°, 28%, 57%
HSV	320°, 34%, 69%
XYZ	30.1506, 24.1212, 34.5192
YIQ	138.5000, 22.9200, 25.1600

Conversions

Conversions Part 2

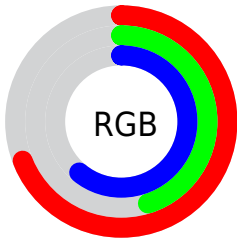
Format	Color
R _Y B	176, 116, 156
Decimal	11564188
CIE Lab	56.21, 29.76, -11.88
CIE LCh	56, 32.038, 338.243
Yxy	24.1212, 0.3396, 0.2717
Android (android.graphics.Color)	4289754268 (0xFFB0749C)
YUV	138.5000, 8.6275, 32.8875
Hunter-Lab	49.1133, 23.6325, -7.2925

Details

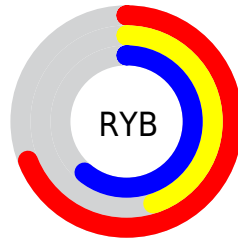
The XYZ color **30.1506, 24.1212, 34.5192** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.1727, 36.5419, 28.9153**, and the grayscale version is **24.3111, 25.5771, 27.8535**.

A 20% lighter version of the original color is **59.2245, 50.2349, 68.2028**, and **12.5241, 9.0539, 14.4521** is the 20% darker color. If you saturate the color by 10%, you get **27.8260, 20.2477, 31.3522**, and if you desaturate by 10%, it is **32.8850, 28.7752, 37.9417**.

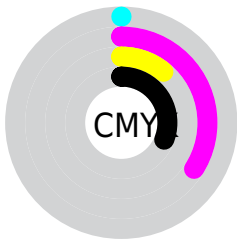
Distribution



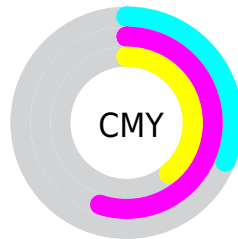
- Red (69%)
- Green (45%)
- Blue (61%)



- Red (69%)
- Yellow (45%)
- Blue (61%)



- Cyan (0%)
- Magenta (34%)
- Yellow (11%)
- Black (31%)



- Cyan (31%)
- Magenta (55%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1506, 24.1212, 34.5192 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 30.1506, 24.1212, 34.5192 by changing the saturation by 10% instead.

30.1506, 24.1212,
34.5192

30.1506, 24.1212,
34.5192

294.5030,
273.4327, 337.2805

20.1016, 15.4236,
23.0122

59.2853, 50.2279,
67.8834

12.5776, 9.1172,
14.3971

79.1016, 68.4058,
90.5776

7.2133, 4.8177,
8.2555

102.9044, 90.5125,
117.8379

3.6434, 2.1407,
4.1687

131.0590,
116.9324, 150.0829

1.5024, 0.6874,
1.7184

163.9309,
148.0500, 187.7311

0.3275, 0.0000,
0.3733

201.8852,

0.0000, 0.0000,

184.2497, 231.2011

0.0000

245.2875,
225.9157, 280.9114

■ 30.1506, 24.1212,
34.5192

■ 30.1506, 24.1212,
34.5192

■ 27.8260, 20.2477,
31.3522

■ 32.8850, 28.7752,
37.9417

■ 25.8870, 17.1078,
28.4302

■ 36.0474, 34.2466,
41.6267

■ 24.3099, 14.6544,
25.7440

■ 39.6575, 40.5739,
45.5825


■ 23.0676, 12.8339,
23.2827


■ 43.7331, 47.7924,
49.8167


■ 22.1290, 11.5845,
21.0343


■ 48.2911, 55.9351,
54.3364


 21.4564, 10.8316,
18.9843

 53.3474, 65.0335,
59.1484

 21.1350, 10.5223,
17.8487

 58.9172, 75.1176,
64.2592

 64.4366, 85.0590,
69.4824

 65.1490, 85.3439,
73.2337

Harmonies

Analogous

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



27.5940, 24.1212, 45.6238



30.1506, 24.1212, 34.5192



30.6711, 24.1212, 23.4627

Triad

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



30.1506, 24.1212, 34.5192



21.9263, 24.1212, 10.8740



17.8035, 24.1212, 40.9201

Complementary

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



30.1506, 24.1212, 34.5192



27.1727, 36.5419, 28.9153

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.



16.6094, 24.1212, 29.2796



30.1506, 24.1212, 34.5192



18.8174, 24.1212, 13.3410

Square

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



30.1506, 24.1212, 34.5192



25.6521, 24.1212, 11.5745



16.9596, 24.1212, 19.4423



20.4011, 24.1212, 49.9550

Rectangle

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



30.1506, 24.1212, 34.5192



29.7460, 24.1212, 17.7900



16.9596, 24.1212, 19.4423



17.2380, 24.1212, 37.0747

Sweetspot

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



30.1513, 24.1223, 34.5197



67.8415, 66.4141, 78.2451



24.2363, 20.8609, 43.8237



14.5123, 14.0607, 16.7466



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.1513, 24.1223, 34.5197



51.4019, 38.2649, 58.1833



27.9167, 23.2284, 22.7521



8.7272, 8.5976, 10.0618



15.5350, 7.7316, 13.2431



0.5145, 0.2536, 0.5521

Inverse Universe

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



30.1513, 24.1223, 34.5197



51.4019, 38.2649, 58.1833



29.6115, 37.5174, 41.7579



8.7272, 8.5976, 10.0618



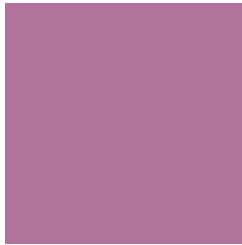
15.5350, 7.7316, 13.2431



0.5145, 0.2536, 0.5521

Previews

White Background



This preview shows how the XYZ color 30.1506, 24.1212, 34.5192 looks on a white background.

Color Contrast Check

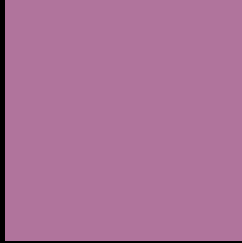
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1506, 24.1212, 34.5192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

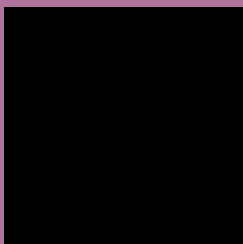
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.1506, 24.1212, 34.5192

Background



This preview shows how black text looks on a background with the XYZ color 30.1506, 24.1212, 34.5192.



This preview shows how white text looks on a background with the XYZ color 30.1506, 24.1212,

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

30.1506, 24.1212, 34.5192

Protanopia

24.3454, 24.3894, 40.4703

Deuteranopia

24.8163, 24.3779, 33.5344



Tritanopia

28.1002, 24.1707, 24.3035

Trichromacy



Original Color

30.1506, 24.1212, 34.5192

Protanomaly

25.9673, 23.8788, 38.3624

Deuteranomaly

26.4305, 24.0271, 33.8165

Tritanomaly

28.7126, 24.0564, 27.5561

Monochromacy



Original Color

30.1506, 24.1212, 34.5192

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.1760, 24.9523, 30.2247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1506, 24.1212, 34.5192 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(176, 116, 156)` looks like.

```
.text, #text, p{  
    color:rgb(176, 116, 156)  
}
```

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(176, 116, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 116, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.1506, 24.1212, 34.5192 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(176, 116, 156) }
```


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

```
.border{ border-color:rgb(176, 116, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 116, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 116, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 116, 156);  
box-shadow:4px 4px 4px 4px rgb(176, 116,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1506, 24.1212, 34.5192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 116, 156) }
```

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

```
.background{ background-color: rgb(176,  
116, 156) }
```

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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