

Converting Colors

XYZ(30.4254, 24.0527, 35.1004)

Have a look what the booklet for
XYZ(30.4254, 24.0527, 35.1004)
contains.

XYZ(30.3480, 24.0429, 34.9395)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.3480, 24.0429,
34.9395)**

Conversions

Conversions Part 1

Format	Color
Hex	B1739D
RGB	177, 115, 157
RGB Percent	69%, 45%, 62%
CMY	0.3059, 0.5490, 0.3843
CMYK	0.00, 0.35, 0.11, 0.31
HSL	319°, 28%, 57%
HSV	319°, 35%, 69%
XYZ	30.3480, 24.0429, 34.9395
YIQ	138.3260, 23.4700, 26.2060

Conversions

Conversions Part 2

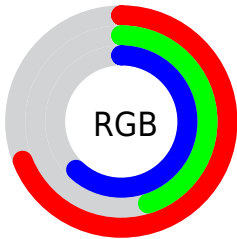
Format	Color
RYB	177, 115, 157
Decimal	11629469
CIELab	56.13, 30.84, -12.56
CIELCh	56, 33.296, 337.835
Yxy	24.0429, 0.3397, 0.2691
Android (android.graphics.Color)	4289819549 (0xFFB1739D)
YUV	138.3260, 9.2063, 33.9171
Hunter-Lab	49.0336, 24.6690, -7.9244

Details

The XYZ color **30.3480, 24.0429, 34.9395** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.1666, 36.8391, 28.6021**, and the grayscale version is **24.2422, 25.5047, 27.7746**.

A 20% lighter version of the original color is **59.8180, 50.2512, 68.8340**, and **12.6602, 9.0322, 14.7118** is the 20% darker color. If you saturate the color by 10%, you get **28.0441, 20.1967, 31.8223**, and if you desaturate by 10%, it is **33.0637, 28.6754, 38.3069**.

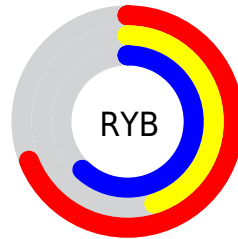
Distribution



Red (69%)

Green (45%)

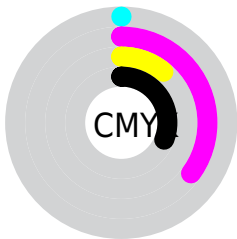
Blue (62%)



Red (69%)

Yellow (45%)

Blue (62%)

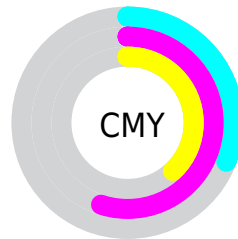


Cyan (0%)

Magenta (35%)

Yellow (11%)

Black (31%)



Cyan (31%)


Magenta (55%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3480, 24.0429, 34.9395 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 30.3480, 24.0429, 34.9395 by changing the saturation by 10% instead.

 30.3480, 24.0429,
34.9395


 30.3480, 24.0429,
34.9395


295.4040,
273.0373, 339.1974


 20.2523, 15.3654,
23.3331


 59.5949, 50.1002,
68.5425


 12.6879, 9.0763,
14.6320


 79.4769, 68.2488,
91.3763

 7.2895, 4.7910,
8.4178


 103.3515, 90.3233,
118.7895

 3.6917, 2.1251,
4.2719

 131.5844,
116.7080, 151.2008

 1.5293, 0.6787,
1.7756

164.5407,
147.7874, 189.0287

 0.3456, 0.0000,
0.4118

202.5858,

 0.0000, 0.0000,

183.9458, 232.6917

0.0000

246.0851,
225.5676, 282.6084

■ 30.3480, 24.0429,
34.9395

■ 30.3480, 24.0429,
34.9395

■ 28.0441, 20.1967,
31.8223

■ 33.0637, 28.6754,
38.3069

■ 26.1271, 17.0890,
28.9448

■ 36.2098, 34.1321,
41.9313

■ 24.5731, 14.6717,
26.2977


■ 39.8063, 40.4522,
45.8213

■ 23.3542, 12.8895,
23.8700


■ 43.8714, 47.6716,
49.9843


■ 22.4383, 11.6789,
21.6495


■ 48.4222, 55.8239,
54.4275


 21.7861, 10.9619,
19.6214

 53.4749, 64.9414,
59.1575

 21.5158, 10.7008,
18.6690

 59.0450, 75.0544,
64.1809

 64.6332, 85.1638,
69.3326

 65.3250, 85.4406,
72.9758

Harmonies

Analogous

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



27.6578, 24.0429, 46.5437



30.3480, 24.0429, 34.9395



30.9243, 24.0429, 23.4155

Triad

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



30.3480, 24.0429, 34.9395



21.8657, 24.0429, 10.3848



17.5302, 24.0429, 41.3102

Complementary

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



30.3480, 24.0429, 34.9395



27.1666, 36.8391, 28.6021

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.



16.3231, 24.0429, 29.1510



30.3480, 24.0429, 34.9395



18.6380, 24.0429, 12.8363

Square

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



30.3480, 24.0429, 34.9395



25.7353, 24.0429, 11.1351



16.7048, 24.0429, 19.0203



20.1926, 24.0429, 50.8786

Rectangle

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



30.3480, 24.0429, 34.9395



29.9786, 24.0429, 17.5369



16.7048, 24.0429, 19.0203



16.9551, 24.0429, 37.2751

Sweetspot

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



30.3487, 24.0440, 34.9400



67.2250, 65.2869, 77.7140



24.0004, 20.5576, 44.2984



14.3896, 13.8346, 16.6460



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.



30.3487, 24.0440, 34.9400



51.1153, 37.6415, 58.2425



28.0527, 23.1256, 22.8493



8.7311, 8.5991, 10.0823



15.6174, 7.7645, 13.6772



0.5167, 0.2544, 0.5635

Inverse Universe

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



30.3487, 24.0440, 34.9400



51.1153, 37.6415, 58.2425



29.6426, 37.8295, 41.6405



8.7311, 8.5991, 10.0823



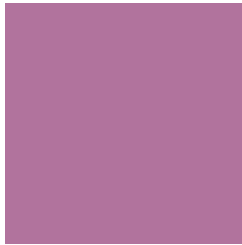
15.6174, 7.7645, 13.6772



0.5167, 0.2544, 0.5635

Previews

White Background



This preview shows how the XYZ color 30.3480, 24.0429, 34.9395 looks on a white background.

Color Contrast Check

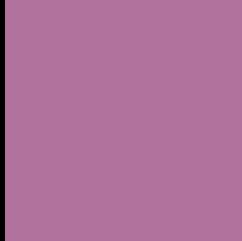
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3480, 24.0429, 34.9395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

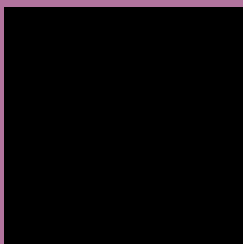
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3480, 24.0429, 34.9395

Background



This preview shows how black text looks on a background with the XYZ color 30.3480, 24.0429, 34.9395.



This preview shows how white text looks on a background with the XYZ color 30.3480, 24.0429,

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

30.3480, 24.0429, 34.9395

Protanopia

24.3850, 24.3881, 41.4524

Deuteranopia

24.5965, 24.0547, 33.9185



Tritanopia

28.1345, 24.0166, 23.9217

Trichromacy



Original Color

30.3480, 24.0429, 34.9395

Protanomaly

26.0580, 23.9151, 38.8400

Deuteranomaly

26.3869, 23.8061, 34.2146

Tritanomaly

28.8178, 23.9349, 27.5271

Monochromacy



Original Color

30.3480, 24.0429, 34.9395

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.0424, 24.6850, 30.1802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3480, 24.0429, 34.9395 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(177, 115, 157)` looks like.

```
.text, #text, p{  
    color:rgb(177, 115, 157)  
}
```

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(177, 115, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 115, 157) }
```

Border

The CSS property to change the border of an element to XYZ 30.3480, 24.0429, 34.9395 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(177, 115, 157) }
```


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

```
.border{ border-color:rgb(177, 115, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 115, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 115, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 115, 157);  
box-shadow:4px 4px 4px 4px rgb(177, 115,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3480, 24.0429, 34.9395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 115, 157) }
```

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

```
.background{ background-color: rgb(177,  
115, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor