

Converting Colors

XYZ(30.4948, 25.5924, 32.5380)

Have a look what the booklet for
XYZ(30.4948, 25.5924, 32.5380)
contains.

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Color

**XYZ(30.5734, 25.6304,
32.6139)**

Conversions

Conversions Part 1

Format	Color
Hex	B07B97
RGB	176, 123, 151
RGB Percent	69%, 48%, 59%
CMY	0.3098, 0.5176, 0.4078
CMYK	0.00, 0.30, 0.14, 0.31
HSL	328°, 25%, 59%
HSV	328°, 30%, 69%
XYZ	30.5734, 25.6304, 32.6139
YIQ	142.0390, 22.6000, 19.9440

Conversions

Conversions Part 2

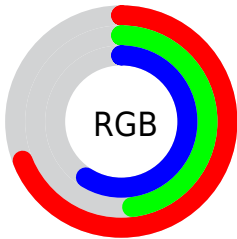
Format	Color
RYB	176, 123, 151
Decimal	11565975
CIELab	57.68, 24.98, -6.77
CIELCh	58, 25.884, 344.828
Yxy	25.6304, 0.3442, 0.2886
Android (android.graphics.Color)	4289756055 (0xFFB07B97)
YUV	142.0390, 4.4178, 29.7838
Hunter-Lab	50.6265, 19.2001, -2.7565

Details

The XYZ color **30.5734, 25.6304, 32.6139** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.0401, 37.4005, 33.7072**, and the grayscale version is **25.7040, 27.0426, 29.4494**.

A 20% lighter version of the original color is **59.8235, 52.6143, 64.7601**, and **12.8512, 9.8961, 13.2894** is the 20% darker color. If you saturate the color by 10%, you get **27.9326, 21.3899, 28.5234**, and if you desaturate by 10%, it is **33.6557, 30.6772, 37.0865**.

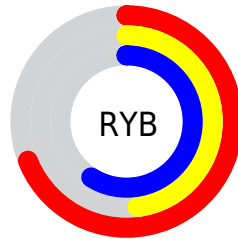
Distribution



Red (69%)

Green (48%)

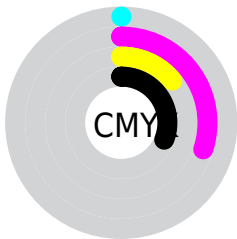
Blue (59%)



Red (69%)

Yellow (48%)

Blue (59%)

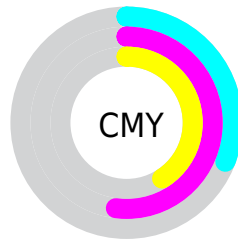


Cyan (0%)

Magenta (30%)

Yellow (14%)

Black (31%)



Cyan (31%)


Magenta (52%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5734, 25.6304, 32.6139 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 30.5734, 25.6304, 32.6139 by changing the saturation by 10% instead.


 30.5734, 25.6304,
32.6139


 30.5734, 25.6304,
32.6139


296.4302,
280.9630, 328.4848


 20.4245, 16.5473,
21.5621

 59.9482, 52.6781,
64.8813

 12.8140, 9.9123,
13.3403


 79.9048, 71.4115,
86.9340

 7.3767, 5.3408,
7.5298


 103.8613, 94.1305,
113.4908

 3.7472, 2.4486,
3.7122

132.1831,
121.2195, 144.9703

 1.5601, 0.8507,
1.4688

165.2356,
153.0628, 181.7908

 0.3662, 0.0000,
0.1945

203.3840,

 0.0000, 0.0000,

190.0449, 224.3711

0.0000

246.9938,
232.5502, 273.1296

■ 30.5734, 25.6304,
32.6139

■ 30.5734, 25.6304,
32.6139

■ 27.9326, 21.3899,
28.5234

■ 33.6557, 30.6772,
37.0865

■ 25.7091, 17.9098,
24.8012

■ 37.1976, 36.5662,
41.9510

■ 23.8795, 15.1449,
21.4349

■ 41.2191, 43.3352,
47.2188

■ 22.4174, 13.0435,
18.4105

■ 45.7381, 51.0188,
52.9003

■ 21.2925, 11.5472,
15.7128

■ 50.7715, 59.6496,
59.0054

■ 20.4695, 10.5870,
13.3243

■ 56.3357, 69.2587,
65.5438

■ 19.8794, 10.0201,
11.2366

■ 62.4461, 79.8757,
72.5247

■ 66.2439, 85.7819,
78.9990

■ 67.3542, 86.2260,
84.8459

Harmonies

Analogous

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



28.8057, 25.6304, 41.8374



30.5734, 25.6304, 32.6139



30.5842, 25.6304, 23.7655

Triad

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



30.5734, 25.6304, 32.6139



22.8683, 25.6304, 14.4520



20.3761, 25.6304, 41.7424

Complementary

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



30.5734, 25.6304, 32.6139



29.0401, 37.4005, 33.7072

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.



19.0449, 25.6304, 32.5040



30.5734, 25.6304, 32.6139



20.3987, 25.6304, 17.4732

Square

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



30.5734, 25.6304, 32.6139



25.9533, 25.6304, 14.4691



19.0528, 25.6304, 23.6765



22.8351, 25.6304, 47.8199

Rectangle

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



30.5734, 25.6304, 32.6139



29.5845, 25.6304, 19.2549



19.0528, 25.6304, 23.6765



19.7915, 25.6304, 38.8265

Sweetspot

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



30.5741, 25.6316, 32.6144



68.1214, 67.4197, 76.9640



27.0851, 23.5729, 44.1972



14.5506, 14.2555, 16.3950



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.



30.5741, 25.6316, 32.6144



52.2398, 41.3113, 54.2375



28.6752, 24.8720, 22.6148



8.6776, 8.5778, 9.8009



14.6155, 7.3638, 8.4013



0.4891, 0.2434, 0.4181

Inverse Universe

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



30.5741, 25.6316, 32.6144



52.2398, 41.3113, 54.2375



31.3573, 38.3274, 45.9095



8.6776, 8.5778, 9.8009



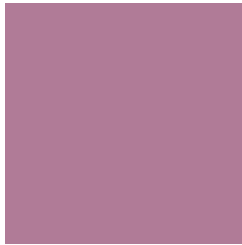
14.6155, 7.3638, 8.4013



0.4891, 0.2434, 0.4181

Previews

White Background



This preview shows how the XYZ color 30.5734, 25.6304, 32.6139 looks on a white background.

Color Contrast Check

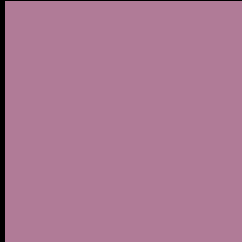
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5734, 25.6304, 32.6139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

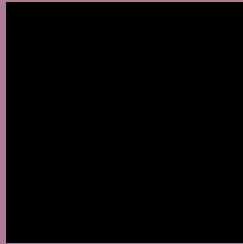
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.5734, 25.6304, 32.6139

Background



This preview shows how black text looks on a background with the XYZ color 30.5734, 25.6304, 32.6139.



This preview shows how white text looks on a background with the XYZ color 30.5734, 25.6304,

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

30.5734, 25.6304, 32.6139

Protanopia

25.4253, 25.8659, 36.9103

Deuteranopia

26.3015, 25.7938, 32.0262



Tritanopia

29.2896, 25.6696, 26.3327

Trichromacy



Original Color

30.5734, 25.6304, 32.6139

Protanomaly

27.0510, 25.6934, 35.4319

Deuteranomaly

27.7219, 25.7037, 32.3544

Tritanomaly

29.8205, 25.7043, 28.5890

Monochromacy



Original Color

30.5734, 25.6304, 32.6139

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.1012, 26.2423, 30.4249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5734, 25.6304, 32.6139 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, 123, 151)` looks like.

```
.text, #text, p{  
    color:rgb(176, 123, 151)  
}
```

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, 123, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 123, 151) }
```

Border

The CSS property to change the border of an element to XYZ 30.5734, 25.6304, 32.6139 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, 123, 151) }
```


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

```
.border{ border-color:rgb(176, 123, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 123, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 123, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 123, 151);  
box-shadow:4px 4px 4px 4px rgb(176, 123,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5734, 25.6304, 32.6139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 123, 151) }
```

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

```
.background{ background-color: rgb(176,  
123, 151) }
```

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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