

Converting Colors

XYZ(32.0541, 26.8978, 33.6394)

Have a look what the booklet for
XYZ(32.0541, 26.8978, 33.6394)
contains.

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Color

**XYZ(32.0330, 26.9249,
33.6457)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--|
| Hex | B47E99 |
| RGB | 180, 126, 153 |
| RGB Percent | 71%, 49%, 60% |
| CMY | 0.2941, 0.5059, 0.4000 |
| CMYK | 0.00, 0.30, 0.15, 0.29 |
| HSL | 330°, 26%, 60% |
| HSV | 330°, 30%, 71% |
| XYZ | 32.0330, 26.9249, 33.6457 |
| YIQ | 145.2240, 23.5170, 19.8450 |

Conversions

Conversions Part 2

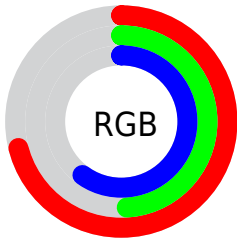
| Format | Color |
|-------------------------------------|---|
| RYB | 180, 126, 153 |
| Decimal | 11828889 |
| CIELab | 58.90, 25.09, -6.07 |
| CIELCh | 59, 25.813, 346.405 |
| Yxy | 26.9249, 0.3459, 0.2908 |
| Android (android.graphics.Color) | 4290018969 (0xFFB47E99) |
| YUV | 145.2240, 3.8336, 30.4986 |
| Hunter-Lab | 51.8892, 19.3881, -2.1220 |

Details

The XYZ color **32.0330, 26.9249, 33.6457** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.6763, 39.3788, 36.1228**, and the grayscale version is **26.9835, 28.3888, 30.9154**.

A 20% lighter version of the original color is **62.3076, 54.7497, 66.3153**, and **13.5869, 10.5638, 13.8933** is the 20% darker color. If you saturate the color by 10%, you get **29.2196, 22.4430, 29.1776**, and if you desaturate by 10%, it is **35.3182, 32.2599, 38.5484**.

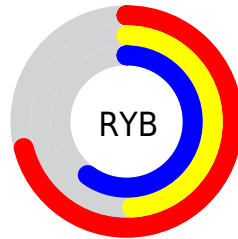
Distribution



Red (71%)

Green (49%)

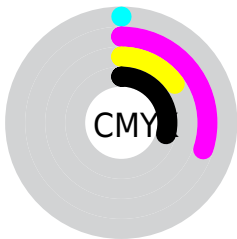
Blue (60%)



Red (71%)

Yellow (49%)

Blue (60%)

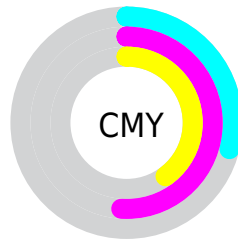


Cyan (0%)

Magenta (30%)

Yellow (15%)

Black (29%)



Cyan (29%)


Magenta (51%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0330, 26.9249, 33.6457 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 32.0330, 26.9249, 33.6457 by changing the saturation by 10% instead.


 32.0330, 26.9249,
33.6457


 32.0330, 26.9249,
33.6457


303.0122,
287.2933, 333.2701

 21.5424, 17.5168,
22.3464


 62.2277, 54.7633,
66.5099

 13.6357, 10.6037,
13.9109


 82.6624, 73.9625,
88.9119

 7.9478, 5.8010,
7.9207


 107.1426, 97.1941,
115.8518

 4.1131, 2.7245,
3.9572

136.0335,
124.8426, 147.7483

 1.7663, 0.9896,
1.6019

169.7006,
157.2924, 185.0198

 0.4972, 0.0000,
0.2922

208.5092,

 0.0000, 0.0000,

194.9279, 228.0850

0.0000

252.8246,
238.1334, 277.3622

■ 32.0330, 26.9249,
33.6457

■ 32.0330, 26.9249,
33.6457

■ 29.2196, 22.4430,
29.1776

■ 35.3182, 32.2599,
38.5484

■ 26.8522, 18.7657,
25.1284

■ 39.0945, 38.4860,
43.8971

■ 24.9060, 15.8450,
21.4841

■ 43.3832, 45.6431,
49.7049

■ 23.3527, 13.6264,
18.2285

■ 48.2033, 53.7679,
55.9836

■ 22.1602, 12.0480,
15.3443

■ 53.5731, 62.8949,
62.7447

■ 21.2909, 11.0369,
12.8119

■ 59.5097, 73.0569,
69.9991

■ 20.6679, 10.4416,
10.5983

■ 66.0297, 84.2853,
77.7576

■ 20.6678, 10.4415,
10.5978

■ 68.1739, 86.6599,
84.3720

■ 69.4347, 87.1642,
91.0112

Harmonies

Analogous

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



30.2991, 26.9249, 43.1855



32.0330, 26.9249, 33.6457



31.9426, 26.9249, 24.6268

Triad

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



32.0330, 26.9249, 33.6457



23.8966, 26.9249, 15.4801



21.5879, 26.9249, 43.9798

Complementary

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



32.0330, 26.9249, 33.6457



30.6763, 39.3788, 36.1228

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.



20.1432, 26.9249, 34.5670



32.0330, 26.9249, 33.6457



21.3984, 26.9249, 18.7890

Square

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



32.0330, 26.9249, 33.6457



27.0613, 26.9249, 15.3348



20.0769, 26.9249, 25.3758



24.1755, 26.9249, 49.9374

Rectangle

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



32.0330, 26.9249, 33.6457



30.8561, 26.9249, 20.0723



20.0769, 26.9249, 25.3758



20.9623, 26.9249, 41.0361

Sweetspot

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



32.0338, 26.9261, 33.6463



71.5060, 70.8116, 80.4504



28.8370, 24.9907, 46.4841



15.2278, 14.9278, 17.0739



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.0338, 26.9261, 33.6463



54.6138, 43.2750, 55.5585



30.0501, 26.1327, 23.2004



8.6676, 8.5738, 9.7481



14.4587, 7.3010, 7.5753



0.4844, 0.2415, 0.3934

Inverse Universe

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



32.0338, 26.9261, 33.6463



54.6138, 43.2750, 55.5585



33.1645, 40.3740, 49.2253



8.6676, 8.5738, 9.7481



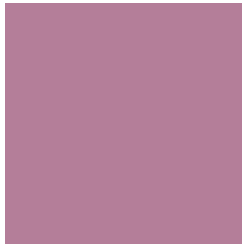
14.4587, 7.3010, 7.5753



0.4844, 0.2415, 0.3934

Previews

White Background



This preview shows how the XYZ color 32.0330, 26.9249, 33.6457 looks on a white background.

Color Contrast Check

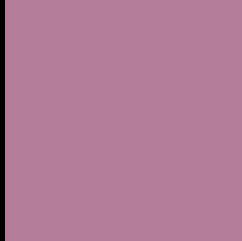
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0330, 26.9249, 33.6457 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 32.0330, 26.9249, 33.6457

Background



This preview shows how black text looks on a background with the XYZ color 32.0330, 26.9249, 33.6457.



This preview shows how white text looks on a background with the XYZ color 32.0330, 26.9249,

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

32.0330, 26.9249, 33.6457

Protanopia

26.5277, 27.0617, 38.0077

Deuteranopia

27.6233, 27.0867, 33.0505



Tritanopia

30.7978, 27.0005, 27.6331

Trichromacy



Original Color

32.0330, 26.9249, 33.6457

Protanomaly

28.1990, 26.8838, 36.5037

Deuteranomaly

29.0929, 26.9986, 33.3836

Tritanomaly

31.2675, 27.0052, 29.5512

Monochromacy



Original Color

32.0330, 26.9249, 33.6457

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.5343, 27.5842, 31.8373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0330, 26.9249, 33.6457 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(180, 126, 153)` looks like.

```
.text, #text, p{  
    color:rgb(180, 126, 153)  
}
```

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(180, 126, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 126, 153) }
```

Border

The CSS property to change the border of an element to XYZ 32.0330, 26.9249, 33.6457 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(180, 126, 153) }
```


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

```
.border{ border-color:rgb(180, 126, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 126, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 126, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 126, 153);  
box-shadow:4px 4px 4px 4px rgb(180, 126,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0330, 26.9249, 33.6457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 126, 153) }
```

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

```
.background{ background-color: rgb(180,  
126, 153) }
```

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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