

Converting Colors

XYZ(30.5499, 26.2036, 26.1131)

Have a look what the booklet for
XYZ(30.5499, 26.2036, 26.1131)
contains.

XYZ(30.4591, 26.0918, 25.9851)	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(30.4591, 26.0918,
25.9851)**

Conversions

Conversions Part 1

Format	Color
Hex	B47D86
RGB	180, 125, 134
RGB Percent	71%, 49%, 53%
CMY	0.2941, 0.5098, 0.4745
CMYK	0.00, 0.31, 0.26, 0.29
HSL	350°, 27%, 60%
HSV	350°, 31%, 71%
XYZ	30.4591, 26.0918, 25.9851
YIQ	142.4710, 29.8910, 14.4590

Conversions

Conversions Part 2

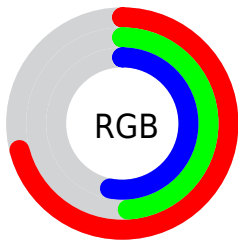
Format	Color
R_{YB}	180, 125, 134
Decimal	11828614
CIE _{Lab}	58.12, 22.66, 3.74
CIE _{LCh}	58, 22.967, 9.382
Yxy	26.0918, 0.3690, 0.3161
Android (android.graphics.Color)	4290018694 (0xFFB47D86)
YUV	142.4710, -4.1762, 32.9129
Hunter-Lab	51.0801, 17.0494, 5.5945

Details

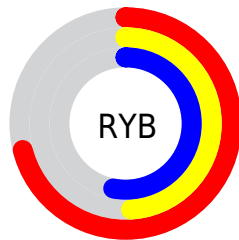
The XYZ color **30.4591, 26.0918, 25.9851** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.1305, 39.9434, 44.5466**, and the grayscale version is **25.9062, 27.2554, 29.6811**.

A 20% lighter version of the original color is **59.8151, 53.4332, 54.1747**, and **12.7600, 10.1237, 9.8759** is the 20% darker color. If you saturate the color by 10%, you get **27.4071, 21.5503, 20.1506**, and if you desaturate by 10%, it is **34.0750, 31.5214, 32.7457**.

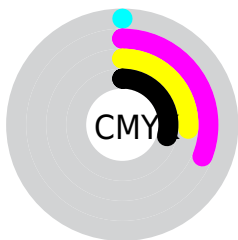
Distribution



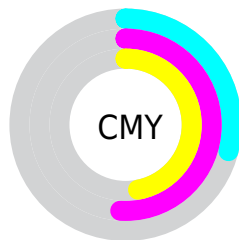
- Red (71%)
- Green (49%)
- Blue (53%)



- Red (71%)
- Yellow (49%)
- Blue (53%)



- Cyan (0%)
- Magenta (31%)
- Yellow (26%)
- Black (29%)





- Cyan (29%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4591, 26.0918, 25.9851 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 30.4591, 26.0918, 25.9851 by changing the saturation by 10% instead.


 30.4591, 26.0918,
25.9851


 30.4591, 26.0918,
25.9851


295.9102,
283.2324, 296.3121


 20.3371, 16.8923,
16.5868


 59.7691, 53.4230,
54.2347

 12.7500, 10.1578,
9.7815


 79.6879, 72.3235,
73.9231

 7.3324, 5.5037,
5.1506


 103.6029, 95.2265,
97.8786

 3.7190, 2.5457,
2.2756

131.8796,
122.5164, 126.5198

 1.5444, 0.8995,
0.7175

164.8834,
154.5775, 160.2652

 0.3558, 0.0000,
0.0000

202.9795,

 0.0000, 0.0000,

191.7943, 199.5334

0.0000

246.5333,
234.5511, 244.7428

■ 30.4591, 26.0918,
25.9851

■ 30.4591, 26.0918,
25.9851

■ 27.4071, 21.5503,
20.1506

■ 34.0750, 31.5214,
32.7457

■ 24.8883, 17.8461,
15.2002

■ 38.2791, 37.8791,
40.4689

■ 22.8722, 14.9289,
11.0908


■ 43.0972, 45.2069,
49.1911


■ 21.3244, 12.7414,
7.7749


■ 48.5525, 53.5431,
58.9464


■ 20.2059, 11.2186,
5.2005

■ 54.6673, 62.9240,
69.7671

 19.4714, 10.2837,
3.3089

 61.4627, 73.3839,
81.6842

 19.0498, 9.7943,
2.0779

 68.9589, 84.9559,
94.7274

 72.5433, 88.4077,
107.3815

 72.6325, 88.4433,
107.8509

Harmonies

Analogous

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



30.1493, 26.0918, 34.1515



30.4591, 26.0918, 25.9851



29.1671, 26.0918, 19.7574

Triad

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



30.4591, 26.0918, 25.9851



21.5586, 26.0918, 18.1392



22.9635, 26.0918, 45.2915

Complementary

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



30.4591, 26.0918, 25.9851



32.1305, 39.9434, 44.5466

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.



20.8912, 26.0918, 39.2779



30.4591, 26.0918, 25.9851



20.1231, 26.0918, 23.3502

Square

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



30.4591, 26.0918, 25.9851



23.9378, 26.0918, 15.8189



19.8883, 26.0918, 30.9803



25.6816, 26.0918, 46.3589

Rectangle

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



30.4591, 26.0918, 25.9851



27.6243, 26.0918, 17.1618



19.8883, 26.0918, 30.9803



22.1741, 26.0918, 43.7343

Sweetspot

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



30.4598, 26.0930, 25.9856



70.5623, 70.4341, 75.4807



32.3310, 26.6031, 46.6111



14.9949, 14.8347, 15.8476



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.



30.4598, 26.0930, 25.9856



51.2086, 41.3192, 39.4574



32.3975, 30.9303, 23.6662



8.5512, 8.5272, 9.1350



13.3126, 6.8426, 1.5404



0.4362, 0.2222, 0.1397

Inverse Universe

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



30.4598, 26.0930, 25.9856



51.2086, 41.3192, 39.4574



29.5584, 33.3796, 48.0652



8.5512, 8.5272, 9.1350



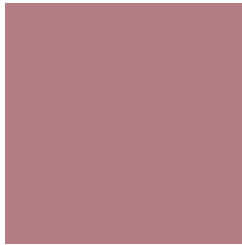
13.3126, 6.8426, 1.5404



0.4362, 0.2222, 0.1397

Previews

White Background



This preview shows how the XYZ color 30.4591, 26.0918, 25.9851 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 30.4591, 26.0918, 25.9851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

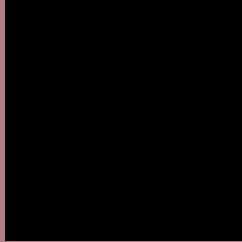
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4591, 26.0918, 25.9851

Background



This preview shows how black text looks on a background with the XYZ color 30.4591, 26.0918, 25.9851.



This preview shows how white text looks on a background with the XYZ color 30.4591, 26.0918,

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

30.4591, 26.0918, 25.9851

Protanopia

25.2704, 26.1690, 29.3104

Deuteranopia

26.7335, 26.1620, 25.4706



Tritanopia

30.4591, 26.0918, 25.9851

Trichromacy



Original Color

30.4591, 26.0918, 25.9851

Protanomaly

26.8956, 25.9822, 28.0236

Deuteranomaly

27.8670, 25.9254, 25.7257

Tritanomaly

30.4591, 26.0918, 25.9851

Monochromacy



Original Color

30.4591, 26.0918, 25.9851

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.1747, 26.5403, 28.1166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4591, 26.0918, 25.9851 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, 125, 134)` looks like.

```
.text, #text, p{  
    color:rgb(180, 125, 134)  
}
```

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, 125, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 125, 134) }
```

Border

The CSS property to change the border of an element to XYZ 30.4591, 26.0918, 25.9851 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, 125, 134) }
```


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

```
.border{ border-color:rgb(180, 125, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 125, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 125, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 125, 134);  
box-shadow:4px 4px 4px 4px rgb(180, 125,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4591, 26.0918, 25.9851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 125, 134) }
```

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

```
.background{ background-color: rgb(180,  
125, 134) }
```

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