

Converting Colors

XYZ(30.0443, 25.8174, 26.7016)

Have a look what the booklet for
XYZ(30.0443, 25.8174, 26.7016)
contains.

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Color

**XYZ(30.1376, 25.9098,
26.7052)**

Conversions

Conversions Part 1

Format	Color
Hex	B27D88
RGB	178, 125, 136
RGB Percent	70%, 49%, 53%
CMY	0.3020, 0.5098, 0.4667
CMYK	0.00, 0.30, 0.24, 0.30
HSL	348°, 26%, 59%
HSV	348°, 30%, 70%
XYZ	30.1376, 25.9098, 26.7052
YIQ	142.1010, 28.0570, 14.6570

Conversions

Conversions Part 2

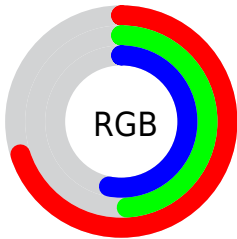
Format	Color
RYB	178, 125, 136
Decimal	11697544
CIELab	57.95, 22.20, 2.31
CIELCh	58, 22.316, 5.943
Yxy	25.9098, 0.3642, 0.3131
Android (android.graphics.Color)	4289887624 (0xFFB27D88)
YUV	142.1010, -3.0078, 31.4834
Hunter-Lab	50.9017, 16.6074, 4.5251

Details

The XYZ color **30.1376, 25.9098, 26.7052** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.3540, 38.9913, 42.4347**, and the grayscale version is **25.7555, 27.0968, 29.5084**.

A 20% lighter version of the original color is **59.3667, 53.1771, 55.2794**, and **12.5080, 9.9891, 10.0730** is the 20% darker color. If you saturate the color by 10%, you get **27.1455, 21.4256, 21.0828**, and if you desaturate by 10%, it is **33.6670, 31.2568, 33.1583**.

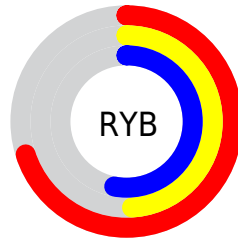
Distribution



Red (70%)

Green (49%)

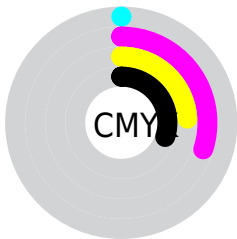
Blue (53%)



Red (70%)

Yellow (49%)

Blue (53%)

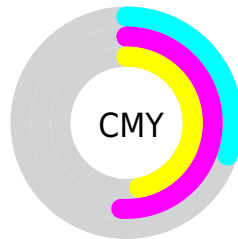


Cyan (0%)

Magenta (30%)

Yellow (24%)

Black (30%)



Cyan (30%)


Magenta (51%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1376, 25.9098, 26.7052 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 30.1376, 25.9098, 26.7052 by changing the saturation by 10% instead.


 30.1376, 25.9098,
26.7052


 30.1376, 25.9098,
26.7052


294.4436,
282.3390, 299.9418


 20.0916, 16.7562,
17.1215


 59.2649, 53.1294,
55.4084

 12.5703, 10.0608,
10.1583

 79.0769, 71.9642,
75.3650

 7.2083, 5.4393,
5.3970


 102.8749, 94.7947,
99.6162

 3.6402, 2.5072,
2.4193

131.0244,
122.0056, 128.5807

 1.5007, 0.8803,
0.7969

163.8907,
153.9810, 162.6770

 0.3263, 0.0000,
0.0000

201.8391,

 0.0000, 0.0000,

191.1055, 202.3236

0.0000

245.2349,
233.7633, 247.9390

■ 30.1376, 25.9098,
26.7052

■ 30.1376, 25.9098,
26.7052

■ 27.1455, 21.4256,
21.0828

■ 33.6670, 31.2568,
33.1583

■ 24.6617, 17.7555,
16.2555

■ 37.7562, 37.5049,
40.4726

■ 22.6581, 14.8512,
12.1871

■ 42.4293, 44.6943,
48.6791

■ 21.1025, 12.6581,
8.8382

■ 47.7081, 52.8620,
57.8067

■ 19.9589, 11.1141,
6.1656

■ 53.6135, 62.0428,
67.8830

■ 19.1853, 10.1465,
4.1211

■ 60.1651, 72.2697,
78.9343

■ 18.7024, 9.6089,
2.6403

■ 67.3819, 83.5744,
90.9861

■ 18.6930, 9.5981,
2.6122

■ 71.1962, 87.8154,
102.7008

■ 72.1701, 88.2050,
107.8292

Harmonies

Analogous

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



29.6580, 25.9098, 34.6910



30.1376, 25.9098, 26.7052



29.0559, 25.9098, 20.3790

Triad

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



30.1376, 25.9098, 26.7052



21.7135, 25.9098, 17.8377



22.5776, 25.9098, 44.0150

Complementary

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



30.1376, 25.9098, 26.7052



31.3540, 38.9913, 42.4347

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.



20.6718, 25.9098, 37.8304



30.1376, 25.9098, 26.7052



20.1989, 25.9098, 22.5935

Square

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



30.1376, 25.9098, 26.7052



24.0948, 25.9098, 15.8938



19.8319, 25.9098, 29.7731



25.1659, 25.9098, 45.6588

Rectangle

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



30.1376, 25.9098, 26.7052



27.6381, 25.9098, 17.6324



19.8319, 25.9098, 29.7731



21.8420, 25.9098, 42.3495

Sweetspot

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



30.1383, 25.9110, 26.7057



68.9603, 68.7670, 74.2653



31.2047, 26.0458, 45.5022



15.0246, 14.8466, 16.0042



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.



30.1383, 25.9110, 26.7057



50.8341, 41.2525, 41.2854



31.4431, 29.7078, 23.4806



8.5661, 8.5332, 9.2136



13.3941, 6.8752, 1.9696



0.4423, 0.2247, 0.1720

Inverse Universe

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



30.1383, 25.9110, 26.7057



50.8341, 41.2525, 41.2854



29.5885, 33.7636, 47.0771



8.5661, 8.5332, 9.2136



13.3941, 6.8752, 1.9696



0.4423, 0.2247, 0.1720

Previews

White Background



This preview shows how the XYZ color 30.1376, 25.9098, 26.7052 looks on a white background.

Color Contrast Check

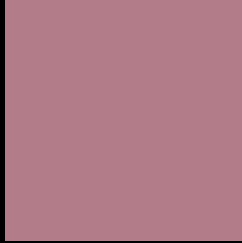
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1376, 25.9098, 26.7052 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 30.1376, 25.9098, 26.7052

Background



This preview shows how black text looks on a background with the XYZ color 30.1376, 25.9098, 26.7052.



This preview shows how white text looks on a background with the XYZ color 30.1376, 25.9098,

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

30.1376, 25.9098, 26.7052

Protanopia

25.2512, 26.1416, 30.1005

Deuteranopia

26.4846, 26.0177, 26.1803



Tritanopia

30.0669, 25.8815, 26.3326

Trichromacy



Original Color

30.1376, 25.9098, 26.7052

Protanomaly

26.6592, 25.8433, 28.7825

Deuteranomaly

27.5937, 25.7684, 26.4411

Tritanomaly

30.0669, 25.8815, 26.3326

Monochromacy



Original Color

30.1376, 25.9098, 26.7052

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.0554, 26.4703, 28.4943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1376, 25.9098, 26.7052 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(178, 125, 136)` looks like.

```
.text, #text, p{  
    color:rgb(178, 125, 136)  
}
```

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(178, 125, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 125, 136) }
```

Border

The CSS property to change the border of an element to XYZ 30.1376, 25.9098, 26.7052 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(178, 125, 136) }
```


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

```
.border{ border-color:rgb(178, 125, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 125, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 125, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 125, 136);  
box-shadow:4px 4px 4px 4px rgb(178, 125,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1376, 25.9098, 26.7052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 125, 136) }
```

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

```
.background{ background-color: rgb(178,  
125, 136) }
```

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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