

Converting Colors

XYZ(26.3667, 21.5263, 17.6446)

Have a look what the booklet for
XYZ(26.3667, 21.5263, 17.6446)
contains.

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Color

**XYZ(26.2949, 21.5078,
17.5174)**

Conversions

Conversions Part 1

Format	Color
Hex	B06E6E
RGB	176, 110, 110
RGB Percent	69%, 43%, 43%
CMY	0.3098, 0.5686, 0.5686
CMYK	0.00, 0.37, 0.37, 0.31
HSL	0°, 29%, 56%
HSV	0°, 37%, 69%
XYZ	26.2949, 21.5078, 17.5174
YIQ	129.7340, 39.3360, 13.9920

Conversions

Conversions Part 2

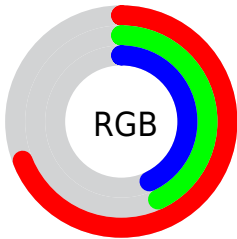
Format	Color
R _Y B	176, 110, 110
Decimal	11562606
CIE Lab	53.50, 26.22, 11.05
CIE LCh	54, 28.459, 22.854
Yxy	21.5078, 0.4026, 0.3293
Android (android.graphics.Color)	4289752686 (0xFFB06E6E)
YUV	129.7340, -9.7289, 40.5753
Hunter-Lab	46.3765, 20.0484, 10.0684

Details

The XYZ color **26.2949, 21.5078, 17.5174** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.7915, 37.4986, 46.7420**, and the grayscale version is **21.1482, 22.2496, 24.2298**.

A 20% lighter version of the original color is **53.0462, 45.7729, 40.2216**, and **10.4511, 7.7613, 5.6499** is the 20% darker color. If you saturate the color by 10%, you get **23.7162, 17.7347, 12.3905**, and if you desaturate by 10%, it is **29.4421, 26.1133, 23.7732**.

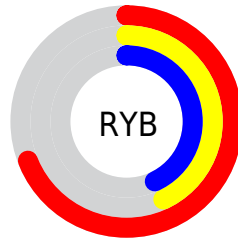
Distribution



Red (69%)

Green (43%)

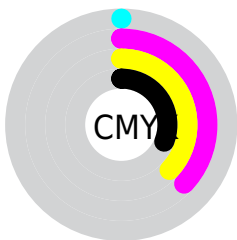
Blue (43%)



Red (69%)

Yellow (43%)

Blue (43%)

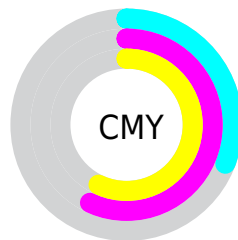


Cyan (0%)

Magenta (37%)

Yellow (37%)

Black (31%)



Cyan (31%)


Magenta (57%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2949, 21.5078, 17.5174 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 26.2949, 21.5078, 17.5174 by changing the saturation by 10% instead.

 26.2949, 21.5078,
17.5174


 26.2949, 21.5078,
17.5174


276.4570,
259.9650, 250.2807


 17.1782, 13.4957,
10.4382


 53.1782, 45.9311,
40.0160


 10.4577, 7.7708,
5.5811


 71.6756, 63.1112,
56.2725

 5.7681, 3.9486,
2.5274


 94.0306, 84.1159,
76.4253

 2.7439, 1.6449,
0.8546

 120.6085,
109.3299, 100.8927

 1.0198, 0.3876,
0.0000

151.7747,
139.1373, 130.0934

 0.0000, 0.0000,
0.0000

187.8947,

173.9228, 164.4460

229.3336,
214.0705, 204.3689

■ 26.2949, 21.5078,
17.5174

■ 26.2949, 21.5078,
17.5174

■ 23.7162, 17.7347,
12.3905

■ 29.4421, 26.1133,
23.7732

■ 21.6707, 14.7414,
8.3242

■ 33.1872, 31.5935,
31.2183

■ 20.1215, 12.4744,
5.2445


■ 37.5595, 37.9913,
39.9103

■ 19.0264, 10.8720,
3.0678


■ 42.5858, 45.3462,
49.9026


■ 18.3364, 9.8622,
1.6963


■ 48.2916, 53.6953,
61.2456


 17.9765, 9.3355,
0.9808

 54.7007, 63.0735,
73.9869

 17.9046, 9.2303,
0.8380

 61.8359, 73.5143,
88.1719

 69.7192, 85.0496,
103.8439

 71.7145, 87.9701,
107.8079

Harmonies

Analogous

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



26.7853, 21.5078, 25.5559



26.2949, 21.5078, 17.5174



24.1662, 21.5078, 12.4774

Triad

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



26.2949, 21.5078, 17.5174



16.1414, 21.5078, 14.7188



19.7263, 21.5078, 44.1819

Complementary

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



26.2949, 21.5078, 17.5174



29.7915, 37.4986, 46.7420

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.



17.1224, 21.5078, 39.3949



26.2949, 21.5078, 17.5174



15.1895, 21.5078, 21.4034

Square

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



26.2949, 21.5078, 17.5174



18.2622, 21.5078, 11.1623



15.5301, 21.5078, 30.5148



22.7898, 21.5078, 42.4043

Rectangle

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



26.2949, 21.5078, 17.5174



22.2086, 21.5078, 10.8191



15.5301, 21.5078, 30.5148



18.7726, 21.5078, 43.2541

Sweetspot

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



26.2955, 21.5089, 17.5178



65.0565, 64.4201, 66.2927



31.3170, 23.5167, 43.9628



13.8708, 13.6272, 13.9134



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.



26.2955, 21.5089, 17.5178



43.7438, 33.2335, 23.9240



30.5415, 30.0009, 18.9332



8.4964, 8.5054, 8.8464



13.1370, 6.7725, 0.6148



0.4134, 0.2131, 0.0193

Inverse Universe

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



29.7915, 37.4986, 46.7420



51.0063, 66.4500, 84.6331



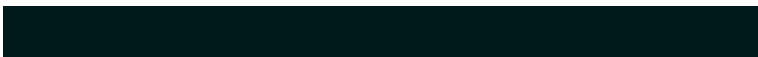
24.0895, 26.0947, 44.8413



8.7426, 9.6315, 10.9046



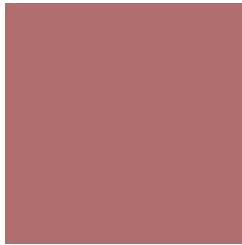
17.1394, 25.0792, 34.0744



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 26.2949, 21.5078, 17.5174 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 26.2949, 21.5078, 17.5174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

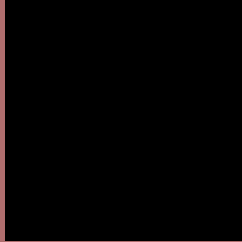
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2949, 21.5078, 17.5174

Background



This preview shows how black text looks on a background with the XYZ color 26.2949, 21.5078, 17.5174.



This preview shows how white text looks on a background with the XYZ color 26.2949, 21.5078,

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

26.2949, 21.5078, 17.5174

Protanopia

20.7218, 21.7568, 20.5601

Deuteranopia

22.0025, 21.5445, 17.1862



Tritanopia

26.8110, 21.5687, 19.5797

Trichromacy



Original Color

26.2949, 21.5078, 17.5174

Protanomaly

22.3842, 21.3253, 19.4594

Deuteranomaly

23.3393, 21.3301, 17.3550

Tritanomaly

26.6374, 21.4993, 18.6654

Monochromacy



Original Color

26.2949, 21.5078, 17.5174

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.6907, 21.7990, 21.7506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2949, 21.5078, 17.5174 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, 110, 110)` looks like.

```
.text, #text, p{  
    color:rgb(176, 110, 110)  
}
```

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, 110, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 110, 110) }
```

Border

The CSS property to change the border of an element to XYZ 26.2949, 21.5078, 17.5174 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, 110, 110) }
```


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

```
.border{ border-color:rgb(176, 110, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 110, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 110, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 110, 110);  
box-shadow:4px 4px 4px 4px rgb(176, 110,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2949, 21.5078, 17.5174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 110, 110) }
```

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

```
.background{ background-color: rgb(176,  
110, 110) }
```

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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