

Converting Colors

XYZ(28.4861, 25.3544, 19.9543)

Have a look what the booklet for
XYZ(28.4861, 25.3544, 19.9543)
contains.

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Color

**XYZ(28.5177, 25.4128,
19.9251)**

Conversions

Conversions Part 1

Format	Color
Hex	B07E74
RGB	176, 126, 116
RGB Percent	69%, 49%, 45%
CMY	0.3098, 0.5059, 0.5451
CMYK	0.00, 0.28, 0.34, 0.31
HSL	10°, 28%, 57%
HSV	10°, 34%, 69%
XYZ	28.5177, 25.4128, 19.9251
YIQ	139.8100, 33.0100, 7.4900

Conversions

Conversions Part 2

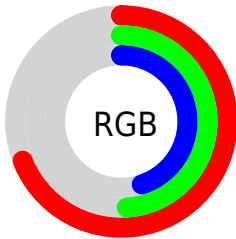
Format	Color
R_{YB}	176, 128, 116
Decimal	11566708
CIE _{Lab}	57.48, 18.03, 13.13
CIE _{LCh}	57, 22.304, 36.078
Yxy	25.4128, 0.3861, 0.3441
Android (android.graphics.Color)	4289756788 (0xFFB07E74)
YUV	139.8100, -11.7383, 31.7386
Hunter-Lab	50.4111, 12.7585, 11.8533

Details

The XYZ color **28.5177, 25.4128, 19.9251** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.6745, 34.1186, 46.1484**, and the grayscale version is **24.8892, 26.1854, 28.5159**.

A 20% lighter version of the original color is **56.7923, 52.3910, 44.1650**, and **11.7233, 9.8627, 6.7546** is the 20% darker color. If you saturate the color by 10%, you get **25.8496, 21.5626, 14.4544**, and if you desaturate by 10%, it is **31.6561, 29.8929, 26.5101**.

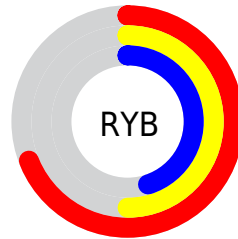
Distribution



Red (69%)

Green (49%)

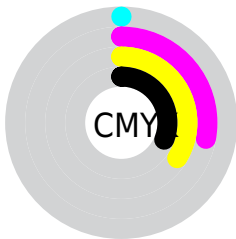
Blue (45%)



Red (69%)

Yellow (50%)

Blue (45%)

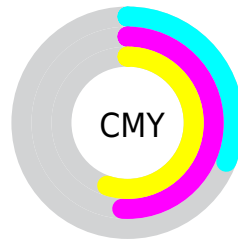


Cyan (0%)

Magenta (28%)

Yellow (34%)

Black (31%)



Cyan (31%)


Magenta (51%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5177, 25.4128, 19.9251 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 28.5177, 25.4128, 19.9251 by changing the saturation by 10% instead.


 28.5177, 25.4128,
19.9251


 28.5177, 25.4128,
19.9251


286.9679,
279.8875, 264.1002


 18.8587, 16.3849,
12.1571


 56.7128, 52.3261,
44.1489

 11.6716, 9.7969,
6.7269


 75.9796, 70.9803,
61.4417

 6.5911, 5.2645,
3.2161


 99.1798, 93.6120,
82.7466

 3.2518, 2.4033,
1.2060

126.6786,
120.6057, 108.4820

 1.2883, 0.8276,
0.0000

158.8415,
152.3457, 139.0666

 0.1744, 0.0000,
0.0000

196.0338,

 0.0000, 0.0000,

189.2164, 174.9187

0.0000

238.6208,
231.6022, 216.4571

■ 28.5177, 25.4128,
19.9251

■ 28.5177, 25.4128,
19.9251

■ 25.8496, 21.5626,
14.4544

■ 31.6561, 29.8929,
26.5101

■ 23.6268, 18.3104,
10.0345

■ 35.2840, 35.0256,
34.2647

■ 21.8252, 15.6271,
6.5982


■ 39.4222, 40.8371,
43.2428


■ 20.4174, 13.4794,
4.0694


■ 44.0894, 47.3509,
53.4940


■ 19.3725, 11.8308,
2.3612


■ 49.3036, 54.5896,
65.0656


 18.6549, 10.6399,
1.3692

 55.0818, 62.5745,
78.0021

 18.3523, 10.1258,
0.9872

 61.4403, 71.3263,
92.3461

 68.1034, 80.7481,
106.6042

 71.7144, 87.9701,
107.8079

Harmonies

Analogous

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



29.5922, 25.4128, 26.1513



28.5177, 25.4128, 19.9251



26.2830, 25.4128, 16.3454

Triad

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



28.5177, 25.4128, 19.9251



19.7832, 25.4128, 22.1571



24.6985, 25.4128, 44.8957

Complementary

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



28.5177, 25.4128, 19.9251



28.6745, 34.1186, 46.1484

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.



22.1434, 25.4128, 43.2951



28.5177, 25.4128, 19.9251



19.4267, 25.4128, 29.2468

Square

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



28.5177, 25.4128, 19.9251



21.2718, 25.4128, 17.4593



20.2600, 25.4128, 37.2000



27.2856, 25.4128, 41.2427

Rectangle

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



28.5177, 25.4128, 19.9251



24.5048, 25.4128, 15.5006



20.2600, 25.4128, 37.2000



23.8068, 25.4128, 44.9620

Sweetspot

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



28.5184, 25.4140, 19.9256



66.8201, 67.5027, 68.2510



31.0329, 24.4743, 39.1648



14.2631, 14.3226, 14.3196



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.



28.5184, 25.4140, 19.9256



47.9564, 40.6645, 28.3929



32.9454, 34.2681, 21.4013



8.6071, 8.7267, 8.8833



13.4955, 7.4896, 0.7343



0.4595, 0.3054, 0.0347

Inverse Universe

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



28.6745, 34.1186, 46.1484



48.2685, 58.8673, 83.3138



23.8433, 24.4561, 44.5380



8.6197, 9.3856, 10.8636



13.4025, 17.6054, 32.8288



0.4537, 0.6179, 1.0436

Previews

White Background



This preview shows how the XYZ color 28.5177, 25.4128, 19.9251 looks on a white background.

Color Contrast Check

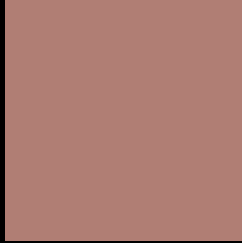
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5177, 25.4128, 19.9251 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 28.5177, 25.4128, 19.9251

Background



This preview shows how black text looks on a background with the XYZ color 28.5177, 25.4128, 19.9251.



This preview shows how white text looks on a background with the XYZ color 28.5177, 25.4128,

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

28.5177, 25.4128, 19.9251

Protanopia

24.2784, 25.6018, 22.0744

Deuteranopia

25.9792, 25.4864, 19.7698



Tritanopia

29.6767, 25.3244, 25.5143

Trichromacy



Original Color

28.5177, 25.4128, 19.9251

Protanomaly

25.6256, 25.4742, 21.3357

Deuteranomaly

26.8030, 25.3101, 19.6923

Tritanomaly

29.1699, 25.2947, 23.4236

Monochromacy



Original Color

28.5177, 25.4128, 19.9251

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.8976, 25.7389, 25.0759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5177, 25.4128, 19.9251 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, 126, 116)` looks like.

```
.text, #text, p{  
    color:rgb(176, 126, 116)  
}
```

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, 126, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 126, 116) }
```

Border

The CSS property to change the border of an element to XYZ 28.5177, 25.4128, 19.9251 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, 126, 116) }
```


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

```
.border{ border-color:rgb(176, 126, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 126, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 126, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 126, 116);  
box-shadow:4px 4px 4px 4px rgb(176, 126,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5177, 25.4128, 19.9251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 126, 116) }
```

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

```
.background{ background-color: rgb(176,  
126, 116) }
```

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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