

Converting Colors

XYZ(28.6170, 25.0267, 20.5660)

Have a look what the booklet for
XYZ(28.6170, 25.0267, 20.5660)
contains.

XYZ(28.6091, 25.0704, 20.4708)	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(28.6091, 25.0704,
20.4708)**

Conversions

Conversions Part 1

Format	Color
Hex	B17C76
RGB	177, 124, 118
RGB Percent	69%, 49%, 46%
CMY	0.3059, 0.5137, 0.5373
CMYK	0.00, 0.30, 0.33, 0.31
HSL	6°, 27%, 58%
HSV	6°, 33%, 69%
XYZ	28.6091, 25.0704, 20.4708
YIQ	139.1630, 33.5140, 9.3700

Conversions

Conversions Part 2

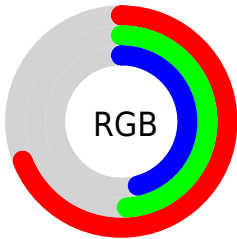
Format	Color
R_{YB}	177, 125, 118
Decimal	11631734
CIE _{Lab}	57.14, 19.81, 11.54
CIE _{LCh}	57, 22.926, 30.210
Yxy	25.0704, 0.3858, 0.3381
Android (android.graphics.Color)	4289821814 (0xFFB17C76)
YUV	139.1630, -10.4334, 33.1830
Hunter-Lab	50.0704, 14.3679, 10.8091

Details

The XYZ color **28.6091, 25.0704, 20.4708** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.9694, 36.1504, 46.9931**, and the grayscale version is **24.6338, 25.9167, 28.2233**.

A 20% lighter version of the original color is **56.9095, 51.8390, 45.0367**, and **11.7899, 9.6853, 7.0424** is the 20% darker color. If you saturate the color by 10%, you get **25.8200, 21.0205, 14.8296**, and if you desaturate by 10%, it is **31.9182, 29.8442, 27.2596**.

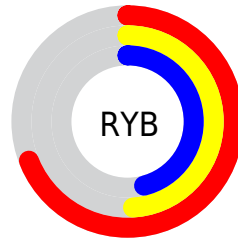
Distribution



Red (69%)

Green (49%)

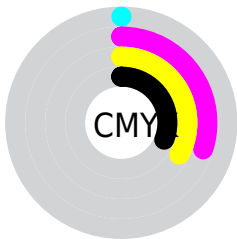
Blue (46%)



Red (69%)

Yellow (49%)

Blue (46%)

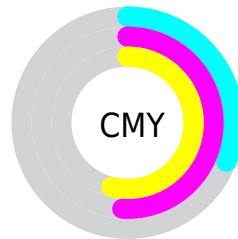


Cyan (0%)

Magenta (30%)

Yellow (33%)

Black (31%)



Cyan (31%)


Magenta (51%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6091, 25.0704, 20.4708 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 28.6091, 25.0704, 20.4708 by changing the saturation by 10% instead.


 28.6091, 25.0704,
20.4708


 28.6091, 25.0704,
20.4708


287.3937,
278.1884, 267.1406


 18.9281, 16.1295,
12.5503


 56.8573, 51.7714,
45.0744

 11.7220, 9.6158,
6.9925


 76.1552, 70.3003,
62.5946

 6.6255, 5.1450,
3.3791


 99.3895, 92.7940,
84.1517

 3.2733, 2.3326,
1.2913

126.9255,
119.6369, 110.1643

 1.2999, 0.7909,
0.0546

159.1286,
151.2134, 141.0510

 0.1831, 0.0000,
0.0000

196.3640,

 0.0000, 0.0000,

187.9079, 177.2302

0.0000

238.9973,
230.1047, 219.1206

■ 28.6091, 25.0704,
20.4708

■ 28.6091, 25.0704,
20.4708

■ 25.8200, 21.0205,
14.8296

■ 31.9182, 29.8442,
27.2596

■ 23.5225, 17.6557,
10.2712

■ 35.7698, 35.3710,
35.2530

■ 21.6884, 14.9390,
6.7264


■ 40.1875, 41.6827,
44.5061


■ 20.2860, 12.8287,
4.1176

■ 45.1931, 48.8085,
55.0701


■ 19.2793, 11.2779,
2.3559


■ 50.8070, 56.7758,
66.9932

 18.6265, 10.2330,
1.3349

 57.0488, 65.6109,
80.3215

 18.3479, 9.7801,
0.9207

 63.9371, 75.3389,
95.0986

 70.7399, 85.6840,
107.4180

 71.9415, 88.0871,
107.8185

Harmonies

Analogous

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



29.4140, 25.0704, 27.2428



28.6091, 25.0704, 20.4708



26.5057, 25.0704, 16.3085

Triad

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



28.6091, 25.0704, 20.4708



19.5961, 25.0704, 20.5490



23.8477, 25.0704, 45.0550

Complementary

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



28.6091, 25.0704, 20.4708



29.9694, 36.1504, 46.9931

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.



21.3383, 25.0704, 42.3630



28.6091, 25.0704, 20.4708



18.9993, 25.0704, 27.3521

Square

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



28.6091, 25.0704, 20.4708



21.3076, 25.0704, 16.3473



19.6128, 25.0704, 35.4944



26.5411, 25.0704, 42.2898

Rectangle

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



28.6091, 25.0704, 20.4708



24.7235, 25.0704, 15.0981



19.6128, 25.0704, 35.4944



22.9557, 25.0704, 44.7530

Sweetspot

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



28.6098, 25.0716, 20.4713



66.4527, 66.7681, 68.1285



31.9702, 25.2483, 41.7665



14.1743, 14.1449, 14.2900



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.



28.6098, 25.0716, 20.4713



47.4788, 39.4469, 29.0427



32.8584, 33.5689, 21.8875



8.5637, 8.6398, 8.8688



13.3158, 7.1302, 0.6745



0.4415, 0.2694, 0.0287

Inverse Universe

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



29.9694, 36.1504, 46.9931



50.2794, 62.3327, 83.8767



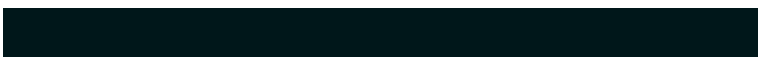
25.0209, 26.2533, 45.3436



8.6673, 9.4808, 10.8795



14.7569, 20.3141, 33.2802



0.4854, 0.6814, 1.0542

Previews

White Background



This preview shows how the XYZ color 28.6091, 25.0704, 20.4708 looks on a white background.

Color Contrast Check

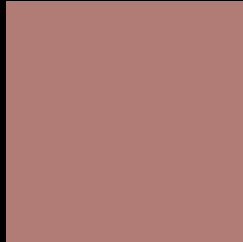
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6091, 25.0704, 20.4708 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 28.6091, 25.0704, 20.4708

Background



This preview shows how black text looks on a background with the XYZ color 28.6091, 25.0704, 20.4708.



This preview shows how white text looks on a background with the XYZ color 28.6091, 25.0704,

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

28.6091, 25.0704, 20.4708

Protanopia

23.9750, 25.2116, 23.0047

Deuteranopia

25.5042, 25.0326, 20.0106



Tritanopia

29.4164, 25.0227, 24.7522

Trichromacy



Original Color

28.6091, 25.0704, 20.4708

Protanomaly

25.2817, 24.8762, 21.8815

Deuteranomaly

26.5782, 24.9842, 20.2512

Tritanomaly

29.2090, 25.1373, 23.0512

Monochromacy



Original Color

28.6091, 25.0704, 20.4708

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.7587, 25.4612, 25.0296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6091, 25.0704, 20.4708 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(177, 124, 118)` looks like.

```
.text, #text, p{  
    color:rgb(177, 124, 118)  
}
```

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(177, 124, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 124, 118) }
```

Border

The CSS property to change the border of an element to XYZ 28.6091, 25.0704, 20.4708 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(177, 124, 118) }
```


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

```
.border{ border-color:rgb(177, 124, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 124, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 124, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 124, 118);  
box-shadow:4px 4px 4px 4px rgb(177, 124,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6091, 25.0704, 20.4708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 124, 118) }
```

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

```
.background{ background-color: rgb(177,  
124, 118) }
```

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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