

Converting Colors

XYZ(28.2667, 24.5036, 20.3165)

Have a look what the booklet for
XYZ(28.2667, 24.5036, 20.3165)
contains.

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Color

**XYZ(28.3610, 24.5742,
20.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	B17A76
RGB	177, 122, 118
RGB Percent	69%, 48%, 46%
CMY	0.3059, 0.5216, 0.5373
CMYK	0.00, 0.31, 0.33, 0.31
HSL	4°, 27%, 58%
HSV	4°, 33%, 69%
XYZ	28.3610, 24.5742, 20.3880
YIQ	137.9890, 34.0640, 10.4160

Conversions

Conversions Part 2

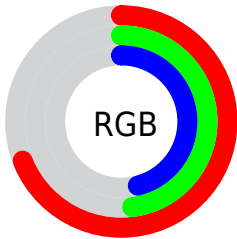
Format	Color
R_{YB}	177, 122, 118
Decimal	11631222
CIE _{Lab}	56.66, 20.93, 10.85
CIE _{LCh}	57, 23.581, 27.403
Yxy	24.5742, 0.3868, 0.3351
Android (android.graphics.Color)	4289821302 (0xFFB17A76)
YUV	137.9890, -9.8546, 34.2126
Hunter-Lab	49.5724, 15.3705, 10.3160

Details

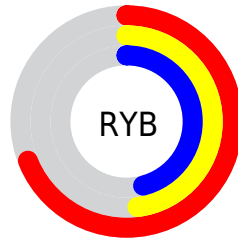
The XYZ color **28.3610, 24.5742, 20.3880** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.3500, 36.9116, 47.1200**, and the grayscale version is **24.1812, 25.4405, 27.7047**.

A 20% lighter version of the original color is **56.5174, 51.0546, 44.9060**, and **11.6564, 9.4182, 6.9979** is the 20% darker color. If you saturate the color by 10%, you get **25.5496, 20.4796, 14.7394**, and if you desaturate by 10%, it is **31.7151, 29.4380, 27.1918**.

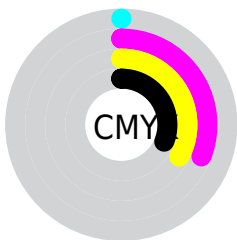
Distribution



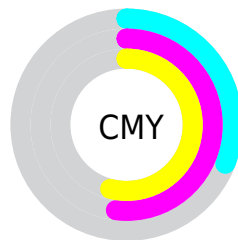
- Red (69%)
- Green (48%)
- Blue (46%)



- Red (69%)
- Yellow (48%)
- Blue (46%)



- Cyan (0%)
- Magenta (31%)
- Yellow (33%)
- Black (31%)



- Cyan (31%)
- Magenta (52%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3610, 24.5742, 20.3880 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 28.3610, 24.5742, 20.3880 by changing the saturation by 10% instead.

■ 28.3610, 24.5742,
20.3880

■ 28.3610, 24.5742,
20.3880

286.2368,
275.7107, 266.6813

■ 18.7398, 15.7601,
12.4905

■ 56.4649, 50.9656,
44.9342

■ 11.5853, 9.3546,
6.9521

■ 75.6783, 69.3117,
62.4201

■ 6.5322, 4.9732,
3.3542

■ 98.8199, 91.6039,
83.9391

■ 3.2150, 2.2315,
1.2782

126.2549,
118.2267, 109.9099

■ 1.2684, 0.7371,
0.0438

158.3487,
149.5643, 140.7510

■ 0.1594, 0.0000,
0.0000

195.4668,

■ 0.0000, 0.0000,

186.0013, 176.8809

0.0000

237.9743,
227.9220, 218.7181

■ 28.3610, 24.5742,
20.3880

■ 28.3610, 24.5742,
20.3880

■ 25.5496, 20.4796,
14.7394

■ 31.7151, 29.4380,
27.1918

■ 23.2504, 17.1114,
10.1804

■ 35.6361, 35.1038,
35.2083

■ 21.4331, 14.4284,
6.6413


■ 40.1495, 41.6068,
44.4933


■ 20.0633, 12.3832,
4.0434


■ 45.2784, 48.9790,
55.0983

■ 19.1019, 10.9231,
2.2967


■ 51.0446, 57.2509,
67.0722


 18.5033, 9.9864,
1.2938

 57.4691, 66.4515,
80.4614

 18.2631, 9.6104,
0.8924

 64.5717, 76.6082,
95.3099

 71.6217, 87.4477,
107.7120

 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.



29.0339, 24.5742, 27.4476



28.3610, 24.5742, 20.3880



26.3162, 24.5742, 15.9395

Triad

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



28.3610, 24.5742, 20.3880



19.1882, 24.5742, 19.4146



23.1188, 24.5742, 44.8676

Complementary

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



28.3610, 24.5742, 20.3880



30.3500, 36.9116, 47.1200

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.



20.6285, 24.5742, 41.6122



28.3610, 24.5742, 20.3880



18.4731, 24.5742, 26.0783

Square

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



28.3610, 24.5742, 20.3880



21.0120, 24.5742, 15.4596



18.9793, 24.5742, 34.3312



25.8704, 24.5742, 42.5380

Rectangle

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



28.3610, 24.5742, 20.3880



24.5267, 24.5742, 14.5541



18.9793, 24.5742, 34.3312



22.2252, 24.5742, 44.3779

Sweetspot

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



28.3616, 24.5754, 20.3885



66.2625, 66.3876, 68.0651



32.1593, 25.3239, 42.7621



14.1284, 14.0530, 14.2746



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.



28.3616, 24.5754, 20.3885



47.0013, 38.4920, 28.8835



32.5381, 32.9282, 21.7806



8.5411, 8.5948, 8.8613



13.2496, 6.9977, 0.6524



0.4321, 0.2507, 0.0256

Inverse Universe

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



30.3500, 36.9116, 47.1200



51.1043, 63.9826, 84.1517



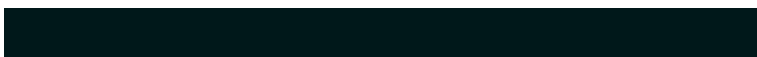
25.3150, 26.8416, 45.4417



8.6923, 9.5308, 10.8878



15.5148, 21.8299, 33.5329



0.5028, 0.7162, 1.0600

Previews

White Background



This preview shows how the XYZ color 28.3610, 24.5742, 20.3880 looks on a white background.

Color Contrast Check

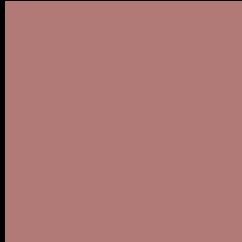
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3610, 24.5742, 20.3880 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 28.3610, 24.5742, 20.3880

Background



This preview shows how black text looks on a background with the XYZ color 28.3610, 24.5742, 20.3880.



This preview shows how white text looks on a background with the XYZ color 28.3610, 24.5742,

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

28.3610, 24.5742, 20.3880

Protanopia

23.4903, 24.7517, 22.9415

Deuteranopia

25.1733, 24.6617, 19.9564



Tritanopia

29.0390, 24.4829, 23.9640

Trichromacy



Original Color

28.3610, 24.5742, 20.3880

Protanomaly

24.9556, 24.5078, 21.8275

Deuteranomaly

26.2399, 24.6152, 20.1978

Tritanomaly

28.8991, 24.6204, 22.6311

Monochromacy



Original Color

28.3610, 24.5742, 20.3880

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.2969, 24.8166, 24.9295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3610, 24.5742, 20.3880 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, 122, 118)` looks like.

```
.text, #text, p{  
    color:rgb(177, 122, 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, 122, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 122, 118) }
```

Border

The CSS property to change the border of an element to XYZ 28.3610, 24.5742, 20.3880 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, 122, 118) }
```


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

```
.border{ border-color:rgb(177, 122, 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, 122, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 122, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 122, 118);  
box-shadow:4px 4px 4px 4px rgb(177, 122,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3610, 24.5742, 20.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 122, 118) }
```

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

```
.background{ background-color: rgb(177,  
122, 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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