

Converting Colors

XYZ(29.2735, 24.4608, 20.4945)

Have a look what the booklet for
XYZ(29.2735, 24.4608, 20.4945)
contains.

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Color

**XYZ(29.2180, 24.4706,
20.6361)**

Conversions

Conversions Part 1

Format	Color
Hex	B67777
RGB	182, 119, 119
RGB Percent	71%, 47%, 47%
CMY	0.2863, 0.5333, 0.5333
CMYK	0.00, 0.35, 0.35, 0.29
HSL	0°, 30%, 59%
HSV	0°, 35%, 71%
XYZ	29.2180, 24.4706, 20.6361
YIQ	137.8370, 37.5480, 13.3560

Conversions

Conversions Part 2

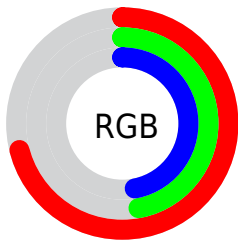
Format	Color
R_{YB}	182, 119, 119
Decimal	11958135
CIE _{Lab}	56.56, 24.71, 10.21
CIE _{LCh}	57, 26.735, 22.461
Yxy	24.4706, 0.3931, 0.3292
Android (android.graphics.Color)	4290148215 (0xFFB67777)
YUV	137.8370, -9.2866, 38.7310
Hunter-Lab	49.4678, 18.8619, 9.8939

Details

The XYZ color **29.2180, 24.4706, 20.6361** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.7786, 40.7539, 50.3947**, and the grayscale version is **24.1201, 25.3763, 27.6347**.

A 20% lighter version of the original color is **57.6998, 50.7960, 45.2916**, and **12.0799, 9.3473, 7.1288** is the 20% darker color. If you saturate the color by 10%, you get **26.2655, 20.1505, 14.7659**, and if you desaturate by 10%, it is **32.7959, 29.7063, 27.7479**.

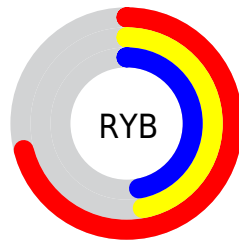
Distribution



Red (71%)

Green (47%)

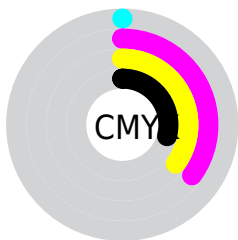
Blue (47%)



Red (71%)

Yellow (47%)

Blue (47%)

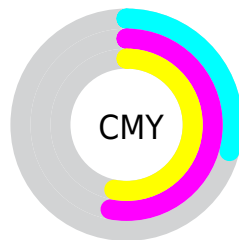


Cyan (0%)

Magenta (35%)

Yellow (35%)

Black (29%)



Cyan (29%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2180, 24.4706, 20.6361 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 29.2180, 24.4706, 20.6361 by changing the saturation by 10% instead.

■ 29.2180, 24.4706,
20.6361

■ 29.2180, 24.4706,
20.6361

290.2178,
275.1911, 268.0554

■ 19.3909, 15.6831,
12.6696

■ 57.8184, 50.7971,
45.3540

■ 12.0588, 9.3002,
7.0734

■ 77.3225, 69.1048,
62.9425

■ 6.8562, 4.9375,
3.4289

■ 100.7829, 91.3547,
84.5755

■ 3.4179, 2.2106,
1.3176

128.5650,
117.9313, 110.6714

■ 1.3784, 0.7258,
0.0761

161.0342,
149.2188, 141.6488

■ 0.2408, 0.0000,
0.0000

198.5559,

■ 0.0000, 0.0000,

185.6016, 177.9262

0.0000

241.4953,
227.4643, 219.9223

■ 29.2180, 24.4706,
20.6361

■ 29.2180, 24.4706,
20.6361

■ 26.2655, 20.1505,
14.7659

■ 32.7959, 29.7063,
27.7479

■ 23.9007, 16.6900,
10.0648

■ 37.0300, 35.9020,
36.1653

■ 22.0848, 14.0328,
6.4551


■ 41.9517, 43.1039,
45.9495


■ 20.7737, 12.1143,
3.8490


■ 47.5897, 51.3537,
57.1576


■ 19.9165, 10.8599,
2.1451


■ 53.9709, 60.6912,
69.8434

 19.4516, 10.1796,
1.2211

 61.1210, 71.1537,
84.0578

 19.2916, 9.9453,
0.9029

 69.0644, 82.7770,
99.8493

 73.1014, 88.6851,
107.8728

Harmonies

Analogous

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



29.6873, 24.4706, 28.9492



29.2180, 24.4706, 20.6361



27.0856, 24.4706, 15.2643

Triad

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



29.2180, 24.4706, 20.6361



18.8421, 24.4706, 17.5321



22.4847, 24.4706, 47.4214

Complementary

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



29.2180, 24.4706, 20.6361



32.7786, 40.7539, 50.3947

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.



19.8101, 24.4706, 42.6154



29.2180, 24.4706, 20.6361



17.8322, 24.4706, 24.4652

Square

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



29.2180, 24.4706, 20.6361



21.0533, 24.4706, 13.7699



18.1701, 24.4706, 33.7184



25.6127, 24.4706, 45.7550

Rectangle

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



29.2180, 24.4706, 20.6361



25.1029, 24.4706, 13.4493



18.1701, 24.4706, 33.7184



21.5069, 24.4706, 46.4782

Sweetspot

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



29.2186, 24.4718, 20.6366



70.9449, 70.6649, 73.1412



34.3319, 26.5164, 47.5648



15.3983, 15.2109, 15.6155



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.2186, 24.4718, 20.6366



48.5543, 37.9011, 28.6297



33.6077, 33.2498, 22.0996



9.0047, 9.0123, 9.3719



13.6235, 7.0233, 0.6376



0.4803, 0.2476, 0.0225

Inverse Universe

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



32.7786, 40.7539, 50.3947



56.0404, 72.1398, 91.2064



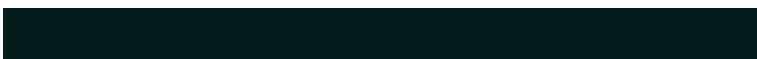
27.0378, 29.2722, 48.4811



9.2667, 10.2106, 11.5619



17.7743, 26.0082, 35.3364



0.6266, 0.9169, 1.2457

Previews

White Background



This preview shows how the XYZ color 29.2180, 24.4706, 20.6361 looks on a white background.

Color Contrast Check

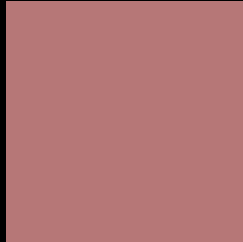
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2180, 24.4706, 20.6361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

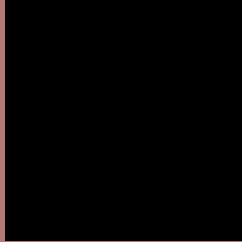
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2180, 24.4706, 20.6361

Background



This preview shows how black text looks on a background with the XYZ color 29.2180, 24.4706, 20.6361.



This preview shows how white text looks on a background with the XYZ color 29.2180, 24.4706,

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

29.2180, 24.4706, 20.6361

Protanopia

23.5157, 24.7423, 23.9584

Deuteranopia

25.0375, 24.5849, 20.2554



Tritanopia

29.8376, 24.5565, 23.2459

Trichromacy



Original Color

29.2180, 24.4706, 20.6361

Protanomaly

25.2019, 24.4145, 22.7862

Deuteranomaly

26.3764, 24.4861, 20.4756

Tritanomaly

29.6450, 24.4794, 22.2313

Monochromacy



Original Color

29.2180, 24.4706, 20.6361

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.5395, 24.7413, 24.9022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2180, 24.4706, 20.6361 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(182, 119, 119)` looks like.

```
.text, #text, p{  
    color:rgb(182, 119, 119)  
}
```

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(182, 119, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 119, 119) }
```

Border

The CSS property to change the border of an element to XYZ 29.2180, 24.4706, 20.6361 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(182, 119, 119) }
```


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

```
.border{ border-color:rgb(182, 119, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 119, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 119, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 119, 119);  
box-shadow:4px 4px 4px 4px rgb(182, 119,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2180, 24.4706, 20.6361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 119, 119) }
```

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

```
.background{ background-color: rgb(182,  
119, 119) }
```

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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