

Converting Colors

XYZ(29.5640, 25.0968, 23.6506)

Have a look what the booklet for
XYZ(29.5640, 25.0968, 23.6506)
contains.

XYZ(29.6782, 25.1809, 23.7183)	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(29.6782, 25.1809,
23.7183)**

Conversions

Conversions Part 1

Format	Color
Hex	B47A80
RGB	180, 122, 128
RGB Percent	71%, 48%, 50%
CMY	0.2941, 0.5215, 0.4980
CMYK	0.00, 0.32, 0.29, 0.29
HSL	354°, 28%, 59%
HSV	354°, 32%, 71%
XYZ	29.6782, 25.1809, 23.7183
YIQ	140.0260, 32.6420, 14.1620

Conversions

Conversions Part 2

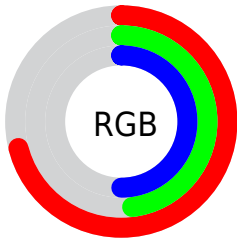
Format	Color
R_{YB}	180, 122, 128
Decimal	11827840
CIE _{Lab}	57.25, 23.47, 5.96
CIE _{LCh}	57, 24.217, 14.240
Yxy	25.1809, 0.3777, 0.3205
Android (android.graphics.Color)	4290017920 (0xFFB47A80)
YUV	140.0260, -5.9288, 35.0572
Hunter-Lab	50.1806, 17.7539, 7.1024

Details

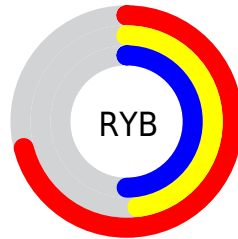
The XYZ color **29.6782, 25.1809, 23.7183** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.9884, 39.8366, 46.0497**, and the grayscale version is **24.9514, 26.2508, 28.5871**.

A 20% lighter version of the original color is **58.5955, 52.0007, 50.6649**, and **12.3980, 9.7652, 8.6286** is the 20% darker color. If you saturate the color by 10%, you get **26.6902, 20.7717, 17.8916**, and if you desaturate by 10%, it is **33.2459, 30.4788, 30.5724**.

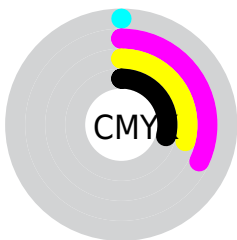
Distribution



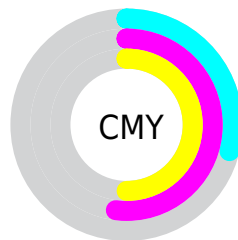
- Red (71%)
- Green (48%)
- Blue (50%)



- Red (71%)
- Yellow (48%)
- Blue (50%)



- Cyan (0%)
- Magenta (32%)
- Yellow (29%)
- Black (29%)



- Cyan (29%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6782, 25.1809, 23.7183 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 29.6782, 25.1809, 23.7183 by changing the saturation by 10% instead.

■ 29.6782, 25.1809,
23.7183

■ 29.6782, 25.1809,
23.7183

292.3384,
278.7376, 284.6337

■ 19.7413, 16.2119,
14.9145

■ 58.5430, 51.9505,
50.5082

■ 12.3143, 9.6742,
8.6135

■ 78.2017, 70.5200,
69.3313

■ 7.0318, 5.1835,
4.3966

■ 101.8316, 93.0583,
92.3314

■ 3.5285, 2.3553,
1.8453

129.7983,
119.9500, 119.9269

■ 1.4390, 0.8028,
0.4576

162.4669,
151.5793, 152.5363

■ 0.2838, 0.0000,
0.0000

200.2029,

■ 0.0000, 0.0000,

188.3308, 190.5782

0.0000

243.3716,
230.5888, 234.4712

■ 29.6782, 25.1809,
23.7183

■ 29.6782, 25.1809,
23.7183

■ 26.6902, 20.7717,
17.8916

■ 33.2459, 30.4788,
30.5724

■ 24.2492, 17.1991,
13.0413

■ 37.4197, 36.7065,
38.4986

■ 22.3225, 14.4112,
9.1142


■ 42.2266, 43.9070,
47.5407


■ 20.8729, 12.3488,
6.0515

■ 47.6915, 52.1195,
57.7398


■ 19.8583, 10.9443,
3.7876


■ 53.8381, 61.3811,
69.1345

 19.2290, 10.1173,
2.2473

 60.6887, 71.7269,
81.7621

 18.9367, 9.7490,
1.4825

 68.2646, 83.1904,
95.6580

 72.6324, 88.4433,
107.8509

Harmonies

Analogous

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



29.6346, 25.1809, 31.9285



29.6782, 25.1809, 23.7183



28.0999, 25.1809, 17.8207

Triad

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



29.6782, 25.1809, 23.7183



20.2936, 25.1809, 17.5995



22.4688, 25.1809, 45.5700

Complementary

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



29.6782, 25.1809, 23.7183



31.9884, 39.8366, 46.0497

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.



20.2011, 25.1809, 39.9587



29.6782, 25.1809, 23.7183



19.0153, 25.1809, 23.3531

Square

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



29.6782, 25.1809, 23.7183



22.6045, 25.1809, 14.7957



18.9828, 25.1809, 31.4831



25.3140, 25.1809, 45.7221

Rectangle

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



29.6782, 25.1809, 23.7183



26.4078, 25.1809, 15.5251



18.9828, 25.1809, 31.4831



21.6192, 25.1809, 44.2163

Sweetspot

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



29.6789, 25.1821, 23.7188



69.5403, 69.0852, 72.9974



32.4837, 26.1265, 46.5109



14.7824, 14.5612, 15.3098



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.6789, 25.1821, 23.7188



49.6814, 39.5565, 34.9659



32.3447, 31.1268, 22.7172



8.5309, 8.5191, 9.0281



13.2290, 6.8092, 1.1002



0.4278, 0.2189, 0.0954

Inverse Universe

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



29.6789, 25.1821, 23.7188



49.6814, 39.5565, 34.9659



28.4524, 31.8081, 47.8200



8.5309, 8.5191, 9.0281



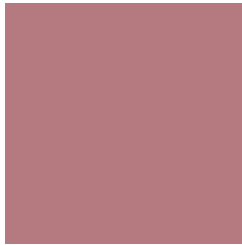
13.2290, 6.8092, 1.1002



0.4278, 0.2189, 0.0954

Previews

White Background



This preview shows how the XYZ color 29.6782, 25.1809, 23.7183 looks on a white background.

Color Contrast Check

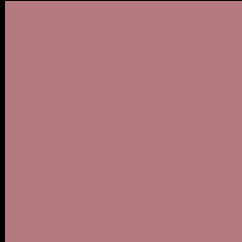
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6782, 25.1809, 23.7183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

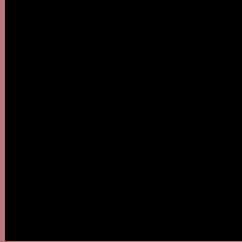
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6782, 25.1809, 23.7183

Background



This preview shows how black text looks on a background with the XYZ color 29.6782, 25.1809, 23.7183.



This preview shows how white text looks on a background with the XYZ color 29.6782, 25.1809,

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

29.6782, 25.1809, 23.7183

Protanopia

24.3741, 25.3316, 26.8974

Deuteranopia

25.6710, 25.2500, 23.2594



Tritanopia

29.8787, 25.2611, 24.7738

Trichromacy



Original Color

29.6782, 25.1809, 23.7183

Protanomaly

26.0025, 25.1645, 25.6771

Deuteranomaly

26.9909, 25.1253, 23.5058

Tritanomaly

29.8112, 25.2341, 24.4185

Monochromacy



Original Color

29.6782, 25.1809, 23.7183

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.3490, 25.5212, 26.8299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6782, 25.1809, 23.7183 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(180, 122, 128)` looks like.

```
.text, #text, p{  
    color:rgb(180, 122, 128)  
}
```

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(180, 122, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 122, 128) }
```

Border

The CSS property to change the border of an element to XYZ 29.6782, 25.1809, 23.7183 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(180, 122, 128) }
```


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

```
.border{ border-color:rgb(180, 122, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 122, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 122, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 122, 128);  
box-shadow:4px 4px 4px 4px rgb(180, 122,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6782, 25.1809, 23.7183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 122, 128) }
```

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

```
.background{ background-color: rgb(180,  
122, 128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor