

Converting Colors

XYZ(23.6179, 23.0557, 11.1677)

Have a look what the booklet for
XYZ(23.6179, 23.0557, 11.1677)
contains.

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Color

**XYZ(23.6818, 23.1080,
11.1948)**

Conversions

Conversions Part 1

Format	Color
Hex	A17E52
RGB	161, 126, 82
RGB Percent	63%, 49%, 32%
CMY	0.3686, 0.5059, 0.6784
CMYK	0.00, 0.22, 0.49, 0.37
HSL	33°, 33%, 48%
HSV	33°, 49%, 63%
XYZ	23.6818, 23.1080, 11.1948
YIQ	131.4490, 34.9840, -6.2640

Conversions

Conversions Part 2

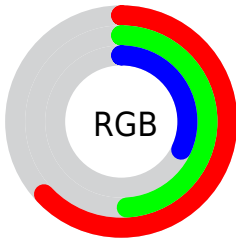
Format	Color
R_{YB}	145, 161, 82
Decimal	10583634
CIE _{Lab}	55.18, 7.80, 29.04
CIE _{LCh}	55, 30.065, 74.960
Yxy	23.1080, 0.4084, 0.3985
Android (android.graphics.Color)	4288773714 (0xFFA17E52)
YUV	131.4490, -24.3784, 25.9162
Hunter-Lab	48.0708, 3.8132, 19.8420

Details

The XYZ color **23.6818, 23.1080, 11.1948** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **16.2737, 17.0890, 36.1589**, and the grayscale version is **21.8105, 22.9463, 24.9885**.

A 20% lighter version of the original color is **48.9002, 48.6579, 28.6444**, and **9.0357, 8.5609, 2.8453** is the 20% darker color. If you saturate the color by 10%, you get **22.2600, 21.1325, 8.0448**, and if you desaturate by 10%, it is **25.3135, 25.2733, 15.1245**.

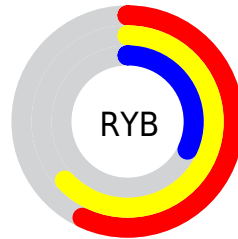
Distribution



Red (63%)

Green (49%)

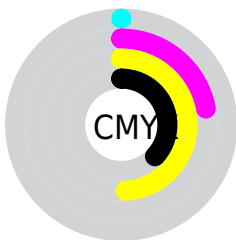
Blue (32%)



Red (57%)

Yellow (63%)

Blue (32%)

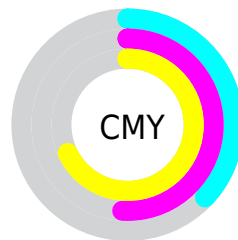


Cyan (0%)

Magenta (22%)

Yellow (49%)

Black (37%)



Cyan (37%)

Magenta (51%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6818, 23.1080, 11.1948 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 23.6818, 23.1080, 11.1948 by changing the saturation by 10% instead.

■ 23.6818, 23.1080,
11.1948

■ 23.6818, 23.1080,
11.1948

263.6782,
268.2792, 209.7843

■ 15.2212, 14.6733,
6.0822

■ 48.9689, 48.5706,
28.6620

■ 9.0621, 8.5904,
2.8255

■ 66.5261, 66.3673,
41.8536

■ 4.8391, 4.4750,
1.0063

■ 87.8463, 88.0534,
58.5753

■ 2.1870, 1.9427,
0.0000

■ 113.2947,
114.0133, 79.2457

■ 0.7359, 0.5738,
0.0000

■ 143.2367,
144.6315, 104.2833

■ 0.0000, 0.0000,
0.0000

178.0378,

180.2922, 134.1065

218.0632,
221.3800, 169.1340

■ 23.6818, 23.1080,
11.1948

■ 23.6818, 23.1080,
11.1948

■ 22.2600, 21.1325,
8.0448

■ 25.3135, 25.2733,
15.1245

■ 21.0349, 19.3367,
5.6189

■ 27.1640, 27.6313,
19.8815

■ 19.9941, 17.7143,
3.8563

■ 29.2436, 30.1892,
25.5111

■ 19.1227, 16.2570,
2.6854

■ 31.5612, 32.9524,
32.0551

■ 18.3914, 14.9508,
1.9596

■ 34.1255, 35.9263,
39.5524

■ 18.3270, 14.8353,
1.8976

■ 36.9446, 39.1161,
48.0397

■ 40.0259, 42.5266,
57.5518

■ 43.3770, 46.1625,
68.1216

■ 47.0048, 50.0284,
79.7807

Harmonies

Analogous

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



26.8561, 23.1080, 14.2260



23.6818, 23.1080, 11.1948



20.3385, 23.1080, 11.1909

Triad

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



23.6818, 23.1080, 11.1948



16.2977, 23.1080, 30.2423



26.8489, 23.1080, 40.6437

Complementary

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



23.6818, 23.1080, 11.1948



16.2737, 17.0890, 36.1589

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.



23.6727, 23.1080, 47.5861



23.6818, 23.1080, 11.1948



17.7043, 23.1080, 40.6188

Square

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



23.6818, 23.1080, 11.1948



16.2996, 23.1080, 20.6611



20.3303, 23.1080, 47.5759



28.8074, 23.1080, 30.2703

Rectangle

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



23.6818, 23.1080, 11.1948



18.4677, 23.1080, 12.8454



20.3303, 23.1080, 47.5759



25.8747, 23.1080, 43.5608

Sweetspot

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



23.6824, 23.1091, 11.1953



53.8933, 55.8961, 49.9286



20.9587, 14.9092, 18.7730



11.6442, 12.0484, 10.4592



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.6824, 23.1091, 11.1953



39.6215, 37.4971, 13.8968



28.1822, 33.2720, 12.9197



7.3856, 7.7095, 7.4789



14.6784, 11.9307, 1.5292



0.3546, 0.3430, 0.0475

Inverse Universe

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



16.2737, 17.0890, 36.1589



24.7681, 25.4421, 63.9919



13.2837, 10.5842, 35.0609



6.9466, 7.3523, 8.9561



6.9932, 5.7659, 27.6741



0.1938, 0.2148, 0.5971

Previews

White Background



This preview shows how the XYZ color 23.6818, 23.1080, 11.1948 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 23.6818, 23.1080, 11.1948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

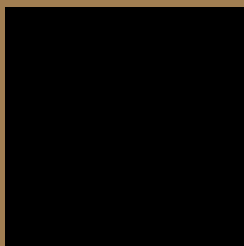
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.6818, 23.1080, 11.1948

Background



This preview shows how black text looks on a background with the XYZ color 23.6818, 23.1080, 11.1948.



This preview shows how white text looks on a background with the XYZ color 23.6818, 23.1080,

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

23.6818, 23.1080, 11.1948

Protanopia

21.3531, 23.0719, 11.7154

Deuteranopia

23.4810, 23.0045, 11.1854



Tritanopia

26.1960, 23.0173, 23.8310

Trichromacy



Original Color

23.6818, 23.1080, 11.1948

Protanomaly

22.1216, 23.0738, 11.4714

Deuteranomaly

23.4810, 23.0045, 11.1854

Tritanomaly

25.1940, 22.9814, 18.4372

Monochromacy



Original Color

23.6818, 23.1080, 11.1948

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.9862, 22.6436, 18.8346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6818, 23.1080, 11.1948 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(161, 126, 82)` looks like.

```
.text, #text, p{  
    color:rgb(161, 126, 82)  
}
```

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(161, 126, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 126, 82) }
```

Border

The CSS property to change the border of an element to XYZ 23.6818, 23.1080, 11.1948 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(161, 126, 82) }
```


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

```
.border{ border-color:rgb(161, 126, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 126, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 126, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 126, 82);  
box-shadow:4px 4px 4px 4px rgb(161, 126,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6818, 23.1080, 11.1948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 126, 82) }
```

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

```
.background{ background-color: rgb(161,  
126, 82) }
```

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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