

Converting Colors

XYZ(23.4807, 17.0147, 14.1149)

Have a look what the booklet for
XYZ(23.4807, 17.0147, 14.1149)
contains.

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Color

**XYZ(23.4692, 17.0135,
14.1036)**

Conversions

Conversions Part 1

Format	Color
Hex	AF5864
RGB	175, 88, 100
RGB Percent	69%, 35%, 39%
CMY	0.3137, 0.6549, 0.6078
CMYK	0.00, 0.50, 0.43, 0.31
HSL	352°, 35%, 52%
HSV	352°, 50%, 69%
XYZ	23.4692, 17.0135, 14.1036
YIQ	115.3810, 48.0000, 22.1760

Conversions

Conversions Part 2

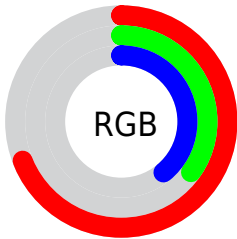
Format	Color
R _Y B	175, 88, 100
Decimal	11491428
CIE Lab	48.28, 36.63, 9.63
CIE LCh	48, 37.871, 14.730
Yxy	17.0135, 0.4299, 0.3117
Android (android.graphics.Color)	4289681508 (0xFFAF5864)
YUV	115.3810, -7.5828, 52.2859
Hunter-Lab	41.2474, 29.3810, 8.6004

Details

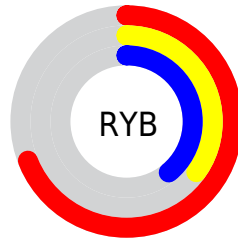
The XYZ color **23.4692, 17.0135, 14.1036** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **25.9662, 35.3794, 40.1127**, and the grayscale version is **16.4240, 17.2794, 18.8172**.

A 20% lighter version of the original color is **48.5683, 38.3142, 34.1137**, and **8.9667, 5.5745, 4.0934** is the 20% darker color. If you saturate the color by 10%, you get **21.5374, 14.2123, 10.1845**, and if you desaturate by 10%, it is **25.8820, 20.5602, 18.8505**.

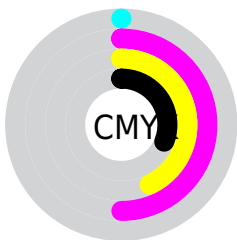
Distribution



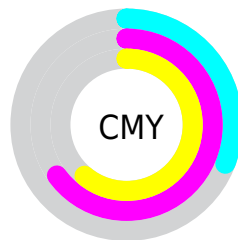
- Red (69%)
- Green (35%)
- Blue (39%)



- Red (69%)
- Yellow (35%)
- Blue (39%)



- Cyan (0%)
- Magenta (50%)
- Yellow (43%)
- Black (31%)





- Cyan (31%)
- Magenta (65%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.4692, 17.0135, 14.1036 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 23.4692, 17.0135, 14.1036 by changing the saturation by 10% instead.


 23.4692, 17.0135,
14.1036


 23.4692, 17.0135,
14.1036


262.6164,
235.2502, 229.3252


 15.0629, 10.2441,
8.0532


 48.6236, 38.3490,
33.9925


 8.9502, 5.5611,
4.0407


 66.1025, 53.6839,
48.6681


 4.7655, 2.5801,
1.6477

 87.3363, 72.6427,
67.0558

 2.1437, 0.9167,
0.3245

 112.6903, 95.6099,
89.5742

 0.7128, 0.0000,
0.0000

 142.5300,
122.9699, 116.6417

 0.0000, 0.0000,
0.0000

177.2207,

155.1070, 148.6771

217.1277,
192.4056, 186.0987

■ 23.4692, 17.0135,
14.1036

■ 23.4692, 17.0135,
14.1036

■ 21.5374, 14.2123,
10.1845

■ 25.8820, 20.5602,
18.8505

■ 20.0526, 12.1007,
7.0445

■ 28.8038, 24.8976,
24.4682

■ 18.9786, 10.6193,
4.6313

■ 32.2623, 30.0705,
30.9977

■ 18.2727, 9.6976,
2.8854

■ 36.2827, 36.1197,
38.4773

■ 17.8555, 9.1933,
1.7287

■ 40.8884, 43.0832,
46.9429

■ 17.8454, 9.1805,
1.7027

■ 46.1018, 50.9968,
56.4287

■ 51.9439, 59.8943,
66.9671

■ 58.4348, 69.8079,
78.5891

■ 65.5935, 80.7684,
91.3246

Harmonies

Analogous

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



23.4484, 17.0135, 23.9903



23.4692, 17.0135, 14.1036



21.3541, 17.0135, 8.1162

Triad

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



23.4692, 17.0135, 14.1036



11.9386, 17.0135, 8.0433



14.4865, 17.0135, 43.5485

Complementary

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



23.4692, 17.0135, 14.1036



25.9662, 35.3794, 40.1127

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.



11.9025, 17.0135, 35.3618



23.4692, 17.0135, 14.1036



10.5803, 17.0135, 13.9597

Square

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



23.4692, 17.0135, 14.1036



14.5427, 17.0135, 5.5593



10.5681, 17.0135, 23.7851



17.9161, 17.0135, 43.6306

Rectangle

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



23.4692, 17.0135, 14.1036



19.1700, 17.0135, 6.1115



10.5681, 17.0135, 23.7851



13.5020, 17.0135, 41.5522

Sweetspot

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



23.4696, 17.0144, 14.1039



60.8594, 58.4807, 61.2657



26.1183, 17.7517, 42.6073



13.2036, 12.5122, 13.0146



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.



23.4696, 17.0144, 14.1039



38.1755, 24.8835, 17.4165



25.9728, 22.8825, 12.2815



8.0486, 8.0327, 8.5665



12.7937, 6.5800, 1.2929



0.3695, 0.1885, 0.1078

Inverse Universe

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



23.4696, 17.0144, 14.1039



38.1755, 24.8835, 17.4165



21.8199, 25.2842, 44.2878



8.0486, 8.0327, 8.5665



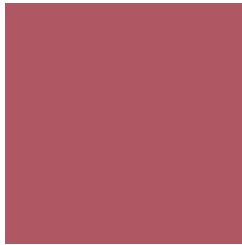
12.7937, 6.5800, 1.2929



0.3695, 0.1885, 0.1078

Previews

White Background



This preview shows how the XYZ color 23.4692, 17.0135, 14.1036 looks on a white 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

Black Background



This preview shows how the XYZ color 23.4692, 17.0135, 14.1036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

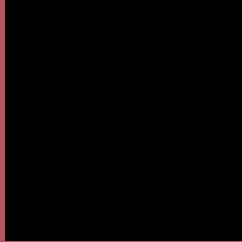
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.4692, 17.0135, 14.1036

Background



This preview shows how black text looks on a background with the XYZ color 23.4692, 17.0135, 14.1036.



This preview shows how white text looks on a background with the XYZ color 23.4692, 17.0135,

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

23.4692, 17.0135, 14.1036

Protanopia

16.5041, 17.2583, 18.3809

Deuteranopia

17.4686, 17.2000, 13.4656



Tritanopia

23.3171, 17.0849, 12.8952

Trichromacy



Original Color

23.4692, 17.0135, 14.1036

Protanomaly

18.2931, 16.6106, 16.7100

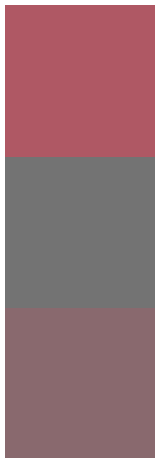
Deuteranomaly

19.2207, 16.8595, 13.5504

Tritanomaly

23.4092, 17.1218, 13.3803

Monochromacy



Original Color

23.4692, 17.0135, 14.1036

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.1826, 16.5473, 16.9875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4692, 17.0135, 14.1036 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(175, 88, 100)` looks like.

```
.text, #text, p{  
    color:rgb(175, 88, 100)  
}
```

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(175, 88, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 88, 100) }
```

Border

The CSS property to change the border of an element to XYZ 23.4692, 17.0135, 14.1036 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(175, 88, 100) }
```


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

```
.border{ border-color:rgb(175, 88, 100) }
```

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

Here you see how a box with a 4 pixel rgb(175, 88, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 88, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 88, 100);  
box-shadow:4px 4px 4px 4px rgb(175, 88,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4692, 17.0135, 14.1036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 88, 100) }
```

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

```
.background{ background-color: rgb(175, 88,  
100) }
```

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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