

Converting Colors

XYZ(23.5365, 17.9314, 15.3398)

Have a look what the booklet for
XYZ(23.5365, 17.9314, 15.3398)
contains.

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Color

**XYZ(23.6042, 17.9546,
15.3182)**

Conversions

Conversions Part 1

Format	Color
Hex	AC5F68
RGB	172, 95, 104
RGB Percent	67%, 37%, 41%
CMY	0.3255, 0.6274, 0.5922
CMYK	0.00, 0.45, 0.40, 0.33
HSL	353°, 32%, 52%
HSV	353°, 45%, 67%
XYZ	23.6042, 17.9546, 15.3182
YIQ	119.0490, 43.0030, 19.1230

Conversions

Conversions Part 2

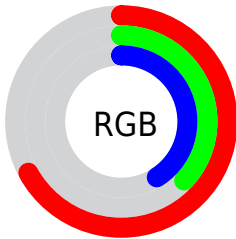
Format	Color
RYB	172, 95, 104
Decimal	11296616
CIELab	49.44, 32.21, 8.81
CIELCh	49, 33.393, 15.298
Yxy	17.9546, 0.4150, 0.3157
Android (android.graphics.Color)	4289486696 (0xFFAC5F68)
YUV	119.0490, -7.4192, 46.4380
Hunter-Lab	42.3729, 25.2826, 8.2271

Details

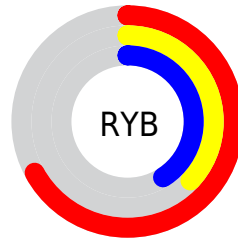
The XYZ color **23.6042, 17.9546, 15.3182** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.0837, 34.5828, 39.9529**, and the grayscale version is **17.5638, 18.4785, 20.1231**.

A 20% lighter version of the original color is **48.9832, 40.0570, 36.1604**, and **9.0516, 6.0313, 4.5580** is the 20% darker color. If you saturate the color by 10%, you get **21.5190, 14.9099, 11.1532**, and if you desaturate by 10%, it is **26.1714, 21.7408, 20.3300**.

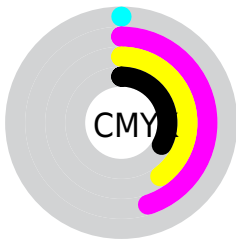
Distribution



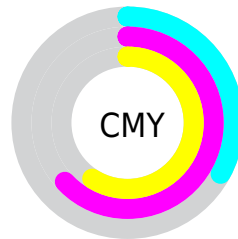
- Red (67%)
- Green (37%)
- Blue (41%)



- Red (67%)
- Yellow (37%)
- Blue (41%)



- Cyan (0%)
- Magenta (45%)
- Yellow (40%)
- Black (33%)





- Cyan (33%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.6042, 17.9546, 15.3182 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 23.6042, 17.9546, 15.3182 by changing the saturation by 10% instead.


 23.6042, 17.9546,
15.3182


 23.6042, 17.9546,
15.3182


263.2911,
240.6150, 236.9910


 15.1634, 10.9174,
8.8939


 48.8429, 39.9600,
36.1606


 9.0212, 6.0113,
4.5762


 66.3716, 55.6969,
51.4158

 4.8122, 2.8520,
1.9465

 87.6602, 75.1025,
70.4517

 2.1711, 1.0549,
0.5221

 113.0743, 98.5613,
93.6869

 0.7275, 0.0000,
0.0000

142.9790,
126.4575, 121.5399

 0.0000, 0.0000,
0.0000

177.7398,

159.1756, 154.4292

217.7220,
197.1000, 192.7733

■ 23.6042, 17.9546,
15.3182

■ 23.6042, 17.9546,
15.3182

■ 21.5190, 14.9099,
11.1532

■ 26.1714, 21.7408,
20.3300

■ 19.8843, 12.5555,
7.7870

■ 29.2468, 26.3100,
26.2309

■ 18.6666, 10.8379,
5.1686


■ 32.8563, 31.7038,
33.0616


■ 17.8277, 9.6947,
3.2402


■ 37.0238, 37.9599,
40.8598


■ 17.3212, 9.0502,
1.9356


■ 41.7716, 45.1139,
49.6612

 17.1404, 8.8215,
1.4656

 47.1209, 53.1993,
59.4999

 53.0916, 62.2480,
70.4080

 59.7028, 72.2901,
82.4166

 66.9730, 83.3547,
95.5553

Harmonies

Analogous

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



23.6245, 17.9546, 24.2938



23.6042, 17.9546, 15.3182



21.6934, 17.9546, 9.6255

Triad

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



23.6042, 17.9546, 15.3182



13.1098, 17.9546, 9.7054



15.5729, 17.9546, 41.6034

Complementary

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



23.6042, 17.9546, 15.3182



26.0837, 34.5828, 39.9529

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.



13.1473, 17.9546, 34.6640



23.6042, 17.9546, 15.3182



11.8487, 17.9546, 15.4670

Square

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



23.6042, 17.9546, 15.3182



15.5157, 17.9546, 7.1318



11.8615, 17.9546, 24.4960



18.7148, 17.9546, 41.5261

Rectangle

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



23.6042, 17.9546, 15.3182



19.7254, 17.9546, 7.6403



11.8615, 17.9546, 24.4960



14.6558, 17.9546, 39.9385

Sweetspot

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



23.6047, 17.9555, 15.3185



60.6974, 59.1504, 62.0297



26.3854, 18.8175, 41.2712



12.8596, 12.3584, 12.8575



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



23.6047, 17.9555, 15.3185



38.9705, 26.9497, 20.0953



26.1914, 23.8217, 14.0453



8.0419, 8.0300, 8.5314



12.7664, 6.5691, 1.1494



0.3669, 0.1874, 0.0938

Inverse Universe

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



23.6047, 17.9555, 15.3185



38.9705, 26.9497, 20.0953



22.1045, 25.2882, 42.7459



8.0419, 8.0300, 8.5314



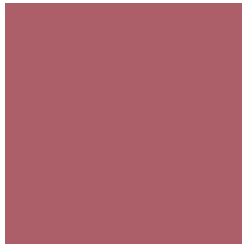
12.7664, 6.5691, 1.1494



0.3669, 0.1874, 0.0938

Previews

White Background



This preview shows how the XYZ color 23.6042, 17.9546, 15.3182 looks on a white background.

Color Contrast Check

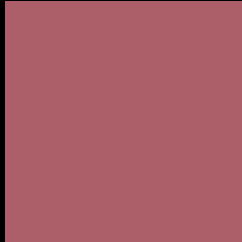
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6042, 17.9546, 15.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

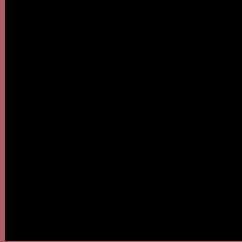
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.6042, 17.9546, 15.3182

Background



This preview shows how black text looks on a background with the XYZ color 23.6042, 17.9546, 15.3182.



This preview shows how white text looks on a background with the XYZ color 23.6042, 17.9546,

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

23.6042, 17.9546, 15.3182

Protanopia

17.3988, 18.0485, 19.0897

Deuteranopia

18.5196, 18.2085, 14.8504



Tritanopia

23.5037, 17.9144, 14.7894

Trichromacy



Original Color

23.6042, 17.9546, 15.3182

Protanomaly

19.2085, 17.6826, 17.7299

Deuteranomaly

20.0504, 17.8643, 14.9617

Tritanomaly

23.5536, 17.9343, 15.0522

Monochromacy



Original Color

23.6042, 17.9546, 15.3182

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.0944, 17.7700, 18.3432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6042, 17.9546, 15.3182 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(172, 95, 104)` looks like.

```
.text, #text, p{  
    color:rgb(172, 95, 104)  
}
```

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(172, 95, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 95, 104) }
```

Border

The CSS property to change the border of an element to XYZ 23.6042, 17.9546, 15.3182 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(172, 95, 104) }
```


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

```
.border{ border-color:rgb(172, 95, 104) }
```

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

Here you see how a box with a 4 pixel rgb(172, 95, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 95, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 95, 104);  
box-shadow:4px 4px 4px 4px rgb(172, 95,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6042, 17.9546, 15.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 95, 104) }
```

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

```
.background{ background-color: rgb(172, 95,  
104) }
```

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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