

Converting Colors

XYZ(23.5924, 16.3189, 9.1895)

Have a look what the booklet for
XYZ(23.5924, 16.3189, 9.1895)
contains.

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Color

**XYZ(23.6090, 16.3800,
9.1251)**

Conversions

Conversions Part 1

Format	Color
Hex	B6514E
RGB	182, 81, 78
RGB Percent	71%, 32%, 31%
CMY	0.2863, 0.6823, 0.6941
CMYK	0.00, 0.55, 0.57, 0.29
HSL	2°, 42%, 51%
HSV	2°, 57%, 71%
XYZ	23.6090, 16.3800, 9.1251
YIQ	110.8570, 61.1590, 20.4790

Conversions

Conversions Part 2

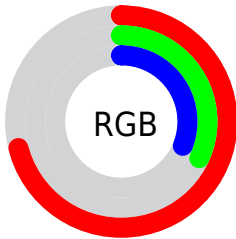
Format	Color
R _Y B	182, 81, 78
Decimal	11948366
CIE Lab	47.47, 40.73, 21.91
CIE LCh	47, 46.247, 28.273
Yxy	16.3800, 0.4807, 0.3335
Android (android.graphics.Color)	4290138446 (0xFFB6514E)
YUV	110.8570, -16.1985, 62.3924
Hunter-Lab	40.4722, 33.2996, 14.9627

Details

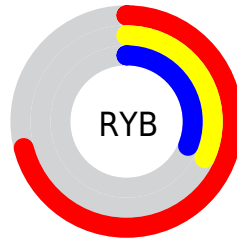
The XYZ color **23.6090, 16.3800, 9.1251** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.7045, 37.2352, 49.9827**, and the grayscale version is **15.1016, 15.8880, 17.3021**.

A 20% lighter version of the original color is **48.8362, 37.1846, 24.6821**, and **9.0403, 5.2793, 2.0559** is the 20% darker color. If you saturate the color by 10%, you get **21.8976, 13.8611, 5.7688**, and if you desaturate by 10%, it is **25.8435, 19.6565, 13.5469**.

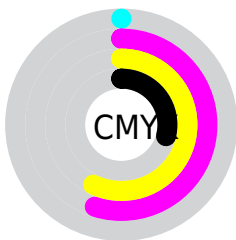
Distribution



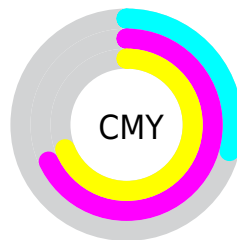
- Red (71%)
- Green (32%)
- Blue (31%)



- Red (71%)
- Yellow (32%)
- Blue (31%)



- Cyan (0%)
- Magenta (55%)
- Yellow (57%)
- Black (29%)





- Cyan (29%)
- Magenta (68%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.6090, 16.3800, 9.1251 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 23.6090, 16.3800, 9.1251 by changing the saturation by 10% instead.


 23.6090, 16.3800,
9.1251


 23.6090, 16.3800,
9.1251


263.3150,
231.5737, 194.5607


 15.1670, 9.7934,
4.7249


 48.8507, 37.2567,
24.7179


 9.0237, 5.2622,
2.0309


 66.3811, 52.3155,
36.7476


 4.8139, 2.4019,
0.5742

 87.6718, 70.9673,
52.1577

 2.1721, 0.8269,
0.0000

 113.0879, 93.5964,
71.3665

 0.7280, 0.0000,
0.0000

 142.9950,
120.5872, 94.7927

 0.0000, 0.0000,
0.0000

177.7583,

152.3241, 122.8547

217.7432,
189.1915, 155.9712

■ 23.6090, 16.3800,
9.1251

■ 23.6090, 16.3800,
9.1251

■ 21.8976, 13.8611,
5.7688

■ 25.8435, 19.6565,
13.5469

■ 20.6658, 12.0367,
3.3874

■ 28.6378, 23.7417,
19.1127

■ 19.8649, 10.8383,
1.8768

■ 32.0265, 28.6855,
25.8949

■ 19.4317, 10.1803,
1.0902

■ 36.0411, 34.5329,
33.9594

■ 19.3484, 10.0592,
0.9218

■ 40.7109, 41.3259,
43.3675

■ 46.0635, 49.1036,
54.1766

■ 52.1247, 57.9032,
66.4407

■ 58.9191, 67.7598,
80.2110

■ 66.4699, 78.7069,
95.5362

Harmonies

Analogous

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



24.8694, 16.3800, 18.5251



23.6090, 16.3800, 9.1251



20.1008, 16.3800, 4.6870

Triad

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



23.6090, 16.3800, 9.1251



9.7723, 16.3800, 8.3908



15.3320, 16.3800, 51.3296

Complementary

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



23.6090, 16.3800, 9.1251



27.7045, 37.2352, 49.9827

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.



11.7748, 16.3800, 44.8108



23.6090, 16.3800, 9.1251



8.9351, 16.3800, 17.1624

Square

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



23.6090, 16.3800, 9.1251



12.1202, 16.3800, 4.4130



9.5989, 16.3800, 30.8334



19.6162, 16.3800, 46.0817

Rectangle

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



23.6090, 16.3800, 9.1251



17.2292, 16.3800, 3.5926



9.5989, 16.3800, 30.8334



14.0185, 16.3800, 50.4011

Sweetspot

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



23.6094, 16.3809, 9.1254



65.2282, 62.4419, 61.3385



30.2812, 18.7001, 45.3359



14.0660, 13.2953, 12.8623



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.



23.6094, 16.3809, 9.1254



38.9368, 24.0019, 8.9741



28.8817, 26.9255, 10.8828



9.0249, 9.0527, 9.3786



13.6722, 7.1207, 0.6538



0.4891, 0.2652, 0.0254

Inverse Universe

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



27.7045, 37.2352, 49.9827



47.0704, 65.5109, 90.3997



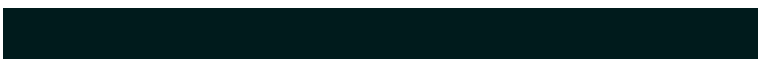
19.3395, 20.5052, 47.1944



9.2438, 10.1649, 11.5543



17.0382, 24.5361, 35.0910



0.6076, 0.8790, 1.2394

Previews

White Background



This preview shows how the XYZ color 23.6090, 16.3800, 9.1251 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 23.6090, 16.3800, 9.1251 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 23.6090, 16.3800, 9.1251

Background



This preview shows how black text looks on a background with the XYZ color 23.6090, 16.3800, 9.1251.



This preview shows how white text looks on a background with the XYZ color 23.6090, 16.3800,

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

23.6090, 16.3800, 9.1251

Protanopia

15.5826, 16.5760, 12.5034

Deuteranopia

16.7185, 16.4404, 8.5955



Tritanopia

23.7998, 16.3383, 10.4935

Trichromacy



Original Color

23.6090, 16.3800, 9.1251

Protanomaly

17.7017, 15.8351, 11.1403

Deuteranomaly

18.7746, 16.0157, 8.7584

Tritanomaly

23.6831, 16.2916, 9.8790

Monochromacy



Original Color

23.6090, 16.3800, 9.1251

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.1258, 15.3336, 13.8614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6090, 16.3800, 9.1251 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, 81, 78)` looks like.

```
.text, #text, p{  
    color:rgb(182, 81, 78)  
}
```

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, 81, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 81, 78) }
```

Border

The CSS property to change the border of an element to XYZ 23.6090, 16.3800, 9.1251 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, 81, 78) }
```


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

```
.border{ border-color:rgb(182, 81, 78) }
```

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

Here you see how a box with a 4 pixel rgb(182, 81, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 81, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 81, 78);  
box-shadow:4px 4px 4px 4px rgb(182, 81,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6090, 16.3800, 9.1251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 81, 78) }
```

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

```
.background{ background-color: rgb(182, 81,  
78) }
```

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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