

Converting Colors

XYZ(24.8852, 18.8299, 8.6954)

Have a look what the booklet for
XYZ(24.8852, 18.8299, 8.6954)
contains.

XYZ(24.9139, 18.9141, 8.6410)	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(24.9139, 18.9141,
8.6410)**

Conversions

Conversions Part 1

Format	Color
Hex	B76049
RGB	183, 96, 73
RGB Percent	72%, 38%, 29%
CMY	0.2824, 0.6235, 0.7137
CMYK	0.00, 0.48, 0.60, 0.28
HSL	13°, 43%, 50%
HSV	13°, 60%, 72%
XYZ	24.9139, 18.9141, 8.6410
YIQ	119.3910, 59.2350, 11.2910

Conversions

Conversions Part 2

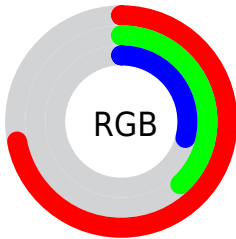
Format	Color
R_{YB}	183, 102, 73
Decimal	12017737
CIE Lab	50.59, 32.98, 28.86
CIE LCh	51, 43.823, 41.186
Yxy	18.9141, 0.4748, 0.3605
Android (android.graphics.Color)	4290207817 (0xFFB76049)
YUV	119.3910, -22.8708, 55.7851
Hunter-Lab	43.4903, 26.1475, 18.6630

Details

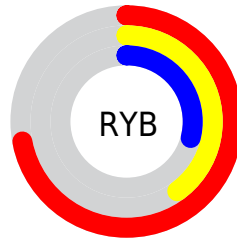
The XYZ color **24.9139, 18.9141, 8.6410** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **23.8647, 29.9750, 49.3274**, and the grayscale version is **17.7163, 18.6389, 20.2978**.

A 20% lighter version of the original color is **51.0649, 41.6396, 23.7582**, and **9.6836, 6.4768, 1.8384** is the 20% darker color. If you saturate the color by 10%, you get **23.1930, 16.3046, 5.5017**, and if you desaturate by 10%, it is **27.0574, 22.0832, 12.8021**.

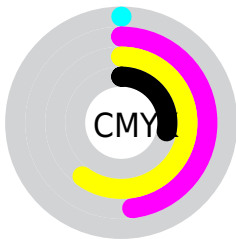
Distribution



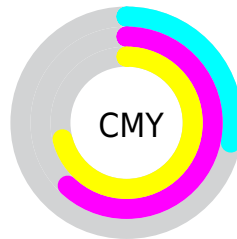
- Red (72%)
- Green (38%)
- Blue (29%)



- Red (72%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (48%)
- Yellow (60%)
- Black (28%)



- Cyan (28%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9139, 18.9141, 8.6410 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 24.9139, 18.9141, 8.6410 by changing the saturation by 10% instead.

■ 24.9139, 18.9141,
8.6410

■ 24.9139, 18.9141,
8.6410

269.7644,
245.9741, 190.7951

■ 16.1413, 11.6082,
4.4142

■ 50.9614, 41.5889,
23.7724

■ 9.7157, 6.4775,
1.8552

■ 68.9670, 57.7266,
35.5140

■ 5.2717, 3.1375,
0.4640

■ 90.7811, 77.5771,
50.5977

■ 2.4439, 1.2040,
0.0000

■ 116.7688,
101.5246, 69.4419

■ 0.8671, 0.0649,
0.0000

■ 147.2957,
129.9537, 92.4652

■ 0.0000, 0.0000,
0.0000

182.7270,

163.2488, 120.0861

223.4281,
201.7941, 152.7233

■ 24.9139, 18.9141,
8.6410

■ 24.9139, 18.9141,
8.6410

■ 23.1930, 16.3046,
5.5017

■ 27.0574, 22.0832,
12.8021

■ 21.8637, 14.2186,
3.2935

■ 29.6485, 25.8392,
18.0630

■ 20.8927, 12.6200,
1.9113

■ 32.7122, 30.2114,
24.4951

■ 20.2302, 11.4709,
1.1479

■ 36.2708, 35.2259,
32.1637

■ 40.3454, 40.9076,
41.1290

■ 44.9558, 47.2797,
51.4475

■ 50.1206, 54.3647,
63.1722

■ 55.8577, 62.1836,
76.3532

■ 62.1841, 70.7570,
91.0384

Harmonies

Analogous

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



27.3259, 18.9141, 16.3497



24.9139, 18.9141, 8.6410



20.7659, 18.9141, 5.3653

Triad

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



24.9139, 18.9141, 8.6410



11.2549, 18.9141, 13.8864



19.6225, 18.9141, 53.4744

Complementary

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



24.9139, 18.9141, 8.6410



23.8647, 29.9750, 49.3274

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.



15.4502, 18.9141, 51.9549



24.9139, 18.9141, 8.6410



11.0487, 18.9141, 25.5163

Square

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



24.9139, 18.9141, 8.6410



13.0817, 18.9141, 7.4562



12.4649, 18.9141, 40.3546



23.9633, 18.9141, 43.9295

Rectangle

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



24.9139, 18.9141, 8.6410



17.8074, 18.9141, 4.8695



12.4649, 18.9141, 40.3546



18.1482, 18.9141, 54.3156

Sweetspot

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



24.9144, 18.9151, 8.6413



66.2131, 64.8428, 60.3381



28.3439, 17.4056, 35.5838



14.1838, 13.7044, 12.3661



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.



24.9144, 18.9151, 8.6413



40.7328, 27.9533, 8.4653



31.6373, 32.3609, 10.8823



9.1528, 9.3085, 9.4212



14.1543, 8.0850, 0.8145



0.5439, 0.3749, 0.0437

Inverse Universe

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



23.8647, 29.9750, 49.3274



38.5713, 49.2741, 87.7136



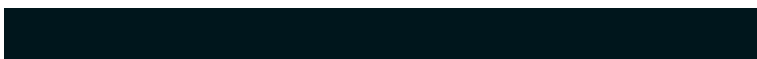
16.4490, 15.1435, 46.8555



9.1029, 9.8831, 11.5073



13.0479, 16.5555, 33.7609



0.5006, 0.6649, 1.2037

Previews

White Background



This preview shows how the XYZ color 24.9139, 18.9141, 8.6410 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 24.9139, 18.9141, 8.6410 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 24.9139, 18.9141, 8.6410

Background



This preview shows how black text looks on a background with the XYZ color 24.9139, 18.9141, 8.6410.



This preview shows how white text looks on a background with the XYZ color 24.9139, 18.9141,

8.6410.

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

24.9139, 18.9141, 8.6410

Protanopia

17.7588, 19.1246, 10.9390

Deuteranopia

19.2375, 18.8942, 8.2632



Tritanopia

26.1741, 19.0438, 14.1007

Trichromacy



Original Color

24.9139, 18.9141, 8.6410

Protanomaly

19.7831, 18.6369, 9.9517

Deuteranomaly

20.9653, 18.6409, 8.2874

Tritanomaly

25.6153, 18.9339, 11.9774

Monochromacy



Original Color

24.9139, 18.9141, 8.6410

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.2380, 18.0790, 15.0460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9139, 18.9141, 8.6410 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(183, 96, 73)` looks like.

```
.text, #text, p{  
    color:rgb(183, 96, 73)  
}
```

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(183, 96, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 96, 73) }
```

Border

The CSS property to change the border of an element to XYZ 24.9139, 18.9141, 8.6410 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(183, 96, 73) }
```


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

```
.border{ border-color:rgb(183, 96, 73) }
```

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

Here you see how a box with a 4 pixel rgb(183, 96, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 96, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 96, 73);  
box-shadow:4px 4px 4px 4px rgb(183, 96,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9139, 18.9141, 8.6410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 96, 73) }
```

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

```
.background{ background-color: rgb(183, 96,  
73) }
```

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