

Converting Colors

XYZ(10.8913, 8.3902, 1.6264)

Have a look what the booklet for
XYZ(10.8913, 8.3902, 1.6264)
contains.

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Color

**XYZ(10.9016, 8.4135,
1.6217)**

Conversions

Conversions Part 1

Format	Color
Hex	804112
RGB	128, 65, 18
RGB Percent	50%, 25%, 7%
CMY	0.4980, 0.7451, 0.9294
CMYK	0.00, 0.49, 0.86, 0.50
HSL	26°, 75%, 29%
HSV	26°, 86%, 50%
XYZ	10.9016, 8.4135, 1.6217
YIQ	78.4790, 52.6350, -1.2610

Conversions

Conversions Part 2

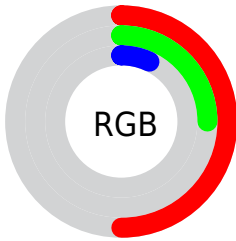
Format	Color
R_{YB}	128, 100, 18
Decimal	8405266
CIE _{Lab}	34.83, 23.84, 38.43
CIE _{LCh}	35, 45.224, 58.186
Yxy	8.4135, 0.5207, 0.4019
Android (android.graphics.Color)	4286595346 (0xFF804112)
YUV	78.4790, -29.8161, 43.4299
Hunter-Lab	29.0060, 16.3267, 16.9894

Details

The XYZ color **10.9016, 8.4135, 1.6217** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **7.0880, 7.5717, 21.5098**, and the grayscale version is **7.3806, 7.7650, 8.4560**.

A 20% lighter version of the original color is **27.2211, 22.8554, 7.9778**, and **2.9978, 1.9168, 0.2120** is the 20% darker color. If you saturate the color by 10%, you get **10.4272, 7.5939, 1.0656**, and if you desaturate by 10%, it is **11.4858, 9.3652, 2.4850**.

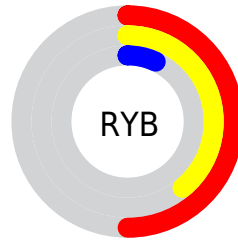
Distribution



Red (50%)

Green (25%)

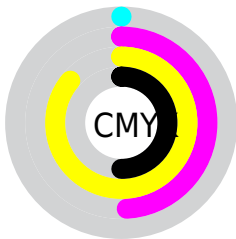
Blue (7%)



Red (50%)

Yellow (39%)

Blue (7%)

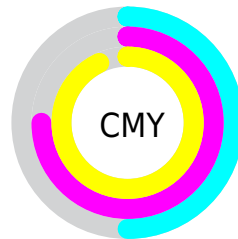


Cyan (0%)

Magenta (49%)

Yellow (86%)

Black (50%)



Cyan (50%)

Magenta (75%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9016, 8.4135, 1.6217 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 10.9016, 8.4135, 1.6217 by changing the saturation by 10% instead.

10.9016, 8.4135,
1.6217

10.9016, 8.4135,
1.6217

190.9135,
178.9403, 116.1947

6.0675, 4.3607,
0.3062

27.1126, 22.7652,
7.9781

2.9272, 1.8773,
0.0000

39.2203, 33.8328,
13.9944

1.1154, 0.5347,
0.0000

54.4832, 48.0074,
22.4609

0.0379, 0.0000,
0.0000

73.2666, 65.6735,
33.7961


0.0000, 0.0000,
0.0000


95.9360, 87.2155,
48.4186

122.8568,


113.0177, 66.7468


 154.3941,
143.4645, 89.1993


 10.9016, 8.4135,
1.6217


 10.9016, 8.4135,
1.6217


 10.4272, 7.5939,
1.0656


 11.4858, 9.3652,
2.4850

 10.2537, 7.2926,
0.8672

 12.1934, 10.4565,
3.7195

 13.0336, 11.6944,
5.3635

 14.0143, 13.0850,
7.4502

 15.1429, 14.6339,
10.0096

■ 16.4259, 16.3464,
13.0689

■ 17.8698, 18.2277,
16.6531

■ 19.4804, 20.2824,
20.7858

■ 21.2632, 22.5152,
25.4888

Harmonies

Analogous

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



13.2038, 8.4135, 3.9623



10.9016, 8.4135, 1.6217



8.1545, 8.4135, 1.0401

Triad

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



10.9016, 8.4135, 1.6217



3.9982, 8.4135, 8.7193



10.5712, 8.4135, 28.2087

Complementary

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



10.9016, 8.4135, 1.6217



7.0880, 7.5717, 21.5098

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.



7.8411, 8.4135, 31.9037



10.9016, 8.4135, 1.6217



4.3780, 8.4135, 17.6249

Square

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



10.9016, 8.4135, 1.6217



4.4837, 8.4135, 3.5340



5.6601, 8.4135, 27.2692



12.9860, 8.4135, 18.8552

Rectangle

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



10.9016, 8.4135, 1.6217



6.5487, 8.4135, 1.2134



5.6601, 8.4135, 27.2692



9.6440, 8.4135, 30.3193

Sweetspot

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



10.9018, 8.4140, 1.6218



28.7622, 28.5717, 22.6248



10.6478, 5.6336, 8.5423



6.5760, 6.4800, 4.9156



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



10.9018, 8.4140, 1.6218



17.9157, 12.5643, 1.4809



15.5882, 17.7868, 3.1840



4.4671, 4.6229, 4.5770



10.1687, 7.2338, 0.8603



0.0000, 0.0000, 0.0000

Inverse Universe

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



7.0880, 7.5717, 21.5098



10.9455, 10.9149, 37.4862



4.5416, 2.4788, 20.6610



4.2972, 4.5885, 5.4725



6.2472, 6.3130, 21.1392



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.9016, 8.4135, 1.6217 looks on a white background.

Color Contrast Check

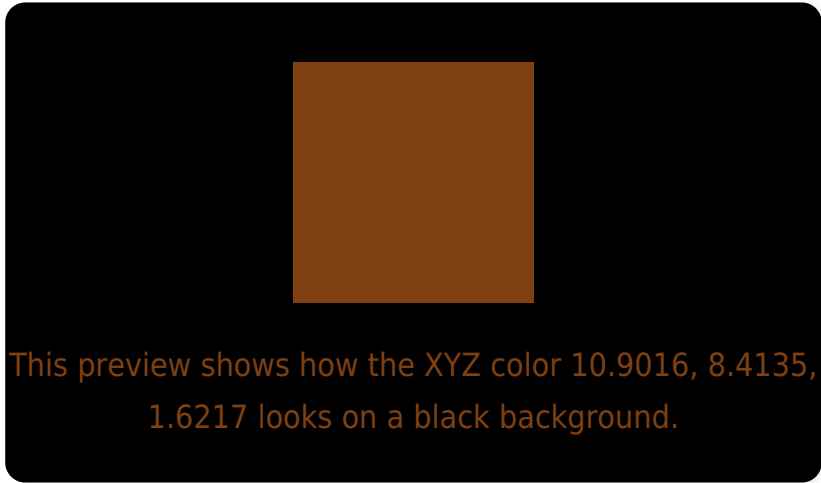
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 10.9016, 8.4135, 1.6217

Background



This preview shows how black text looks on a background with the XYZ color 10.9016, 8.4135, 1.6217.



This preview shows how white text looks on a background with the XYZ color 10.9016, 8.4135,

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

10.9016, 8.4135, 1.6217

Protanopia

7.7621, 8.5755, 2.0567

Deuteranopia

8.4826, 8.4116, 1.4350



Tritanopia

11.8288, 8.4650, 6.0115

Trichromacy



Original Color

10.9016, 8.4135, 1.6217

Protanomaly

8.6637, 8.2872, 1.8524

Deuteranomaly

9.2590, 8.3023, 1.4623

Tritanomaly

11.3094, 8.3258, 3.8073

Monochromacy



Original Color

10.9016, 8.4135, 1.6217

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

7.9202, 7.5374, 4.7788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9016, 8.4135, 1.6217 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(128, 65, 18)` looks like.

```
.text, #text, p{  
    color:rgb(128, 65, 18)  
}
```

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(128, 65, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 65, 18) }
```

Border

The CSS property to change the border of an element to XYZ 10.9016, 8.4135, 1.6217 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(128, 65, 18) }
```


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

```
.border{ border-color:rgb(128, 65, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 65, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 65, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 65, 18);  
box-shadow:4px 4px 4px 4px rgb(128, 65,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9016, 8.4135, 1.6217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 65, 18) }
```

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

```
.background{ background-color: rgb(128, 65,  
18) }
```

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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