

Converting Colors

XYZ(10.7884, 8.2128, 1.7184)

Have a look what the booklet for
XYZ(10.7884, 8.2128, 1.7184)
contains.

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Color

**XYZ(10.8150, 8.1984,
1.7219)**

Conversions

Conversions Part 1

Format	Color
Hex	803F15
RGB	128, 63, 21
RGB Percent	50%, 25%, 8%
CMY	0.4980, 0.7529, 0.9176
CMYK	0.00, 0.51, 0.84, 0.50
HSL	24°, 72%, 29%
HSV	24°, 84%, 50%
XYZ	10.8150, 8.1984, 1.7219
YIQ	77.6470, 52.2220, 0.7180

Conversions

Conversions Part 2

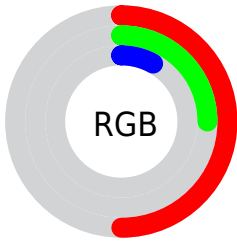
Format	Color
RYB	128, 90, 21
Decimal	8404757
CIELab	34.39, 25.08, 36.68
CIELCh	34, 44.436, 55.641
Yxy	8.1984, 0.5216, 0.3954
Android (android.graphics.Color)	4286594837 (0xFF803F15)
YUV	77.6470, -27.9270, 44.1596
Hunter-Lab	28.6328, 17.3143, 16.4775

Details

The XYZ color **10.8150, 8.1984, 1.7219** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **7.5331, 8.3730, 21.6411**, and the grayscale version is **7.2193, 7.5953, 8.2712**.

A 20% lighter version of the original color is **27.0570, 22.4327, 8.2141**, and **2.9481, 1.8174, 0.1954** is the 20% darker color. If you saturate the color by 10%, you get **10.3241, 7.3614, 1.1123**, and if you desaturate by 10%, it is **11.4272, 9.1820, 2.6684**.

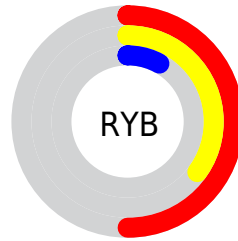
Distribution



Red (50%)

Green (25%)

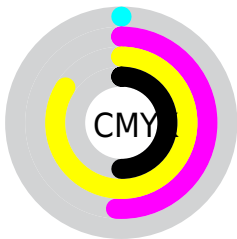
Blue (8%)



Red (50%)

Yellow (35%)

Blue (8%)

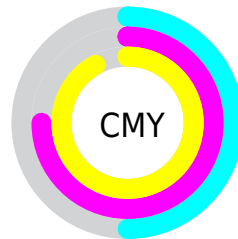


Cyan (0%)

Magenta (51%)

Yellow (84%)

Black (50%)



Cyan (50%)


Magenta (75%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.8150, 8.1984, 1.7219 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 10.8150, 8.1984, 1.7219 by changing the saturation by 10% instead.


 10.8150, 8.1984,
1.7219


 10.8150, 8.1984,
1.7219


190.3285,
177.2800, 117.8970


 6.0089, 4.2222,
0.3757


 26.9536, 22.3465,
8.2655

 2.8912, 1.7986,
0.0000

 39.0168, 33.2871,
14.4117


 1.0965, 0.4863,
0.0000

 54.2297, 47.3180,
23.0321

 0.0222, 0.0000,
0.0000

 72.9578, 64.8235,
34.5453


 0.0000, 0.0000,
0.0000


 95.5664, 86.1881,
49.3699


 122.4208,

111.7961, 67.9243


 153.8864,
142.0319, 90.6272


 10.8150, 8.1984,
1.7219


 10.8150, 8.1984,
1.7219


 10.3241, 7.3614,
1.1123


 11.4272, 9.1820,
2.6684

 10.0533, 6.8916,
0.8003

 12.1711, 10.3192,
3.9977

 13.0561, 11.6176,
5.7467

 14.0904, 13.0839,
7.9482

 15.2814, 14.7244,
10.6312

■ 16.6362, 16.5450,
13.8228

■ 18.1610, 18.5514,
17.5476

■ 19.8621, 20.7488,
21.8289

■ 21.7453, 23.1425,
26.6884

Harmonies

Analogous

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



12.9478, 8.1984, 4.2147



10.8150, 8.1984, 1.7219



8.1615, 8.1984, 1.0505

Triad

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



10.8150, 8.1984, 1.7219



3.9303, 8.1984, 7.9257



10.0505, 8.1984, 27.8424

Complementary

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



10.8150, 8.1984, 1.7219



7.5331, 8.3730, 21.6411

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.



7.4345, 8.1984, 30.7318



10.8150, 8.1984, 1.7219



4.2272, 8.1984, 16.2621

Square

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



10.8150, 8.1984, 1.7219



4.4736, 8.1984, 3.2133



5.3929, 8.1984, 25.6789



12.4446, 8.1984, 19.1024

Rectangle

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



10.8150, 8.1984, 1.7219



6.5727, 8.1984, 1.1668



5.3929, 8.1984, 25.6789



9.1542, 8.1984, 29.6780

Sweetspot

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



10.8152, 8.1988, 1.7220



28.7944, 28.4690, 23.1500



10.8899, 5.8134, 9.5615



6.5733, 6.4401, 5.0214



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.



10.8152, 8.1988, 1.7220



17.5677, 11.8683, 1.3649



15.2272, 17.0230, 3.1927



4.4555, 4.5997, 4.5731



9.9699, 6.8361, 0.7940



0.0000, 0.0000, 0.0000

Inverse Universe

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



7.5331, 8.3730, 21.6411



11.4830, 11.9900, 37.6653



4.7630, 2.8328, 20.7177



4.3091, 4.6122, 5.4764



6.5488, 6.9161, 21.2397



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.8150, 8.1984, 1.7219 looks on a white background.

Color Contrast Check

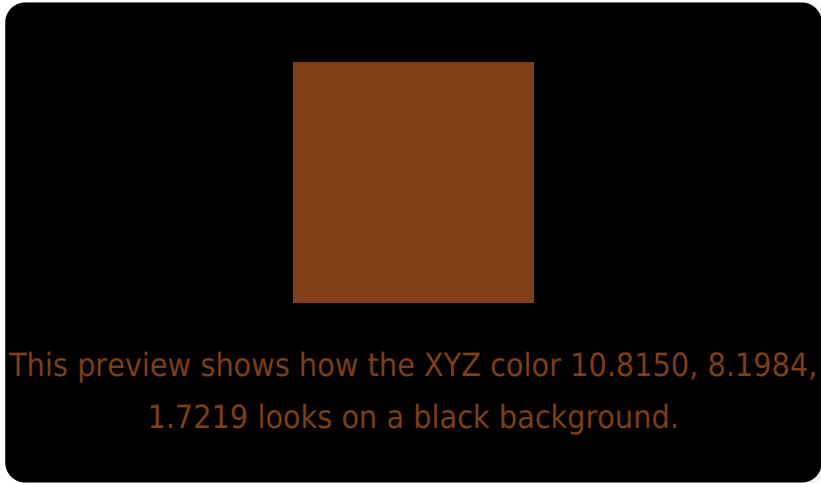
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.8150, 8.1984, 1.7219

Background



This preview shows how black text looks on a background with the XYZ color 10.8150, 8.1984, 1.7219.



This preview shows how white text looks on a background with the XYZ color 10.8150, 8.1984,

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

10.8150, 8.1984, 1.7219

Protanopia

7.5181, 8.3333, 2.1895

Deuteranopia

8.3267, 8.2230, 1.5638



Tritanopia

11.6671, 8.2326, 5.6768

Trichromacy



Original Color

10.8150, 8.1984, 1.7219

Protanomaly

8.3899, 8.0412, 1.9741

Deuteranomaly

9.1006, 8.1199, 1.6180

Tritanomaly

11.2026, 8.1122, 3.7717

Monochromacy



Original Color

10.8150, 8.1984, 1.7219

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

7.9449, 7.5473, 4.9089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8150, 8.1984, 1.7219 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, 63, 21)` looks like.

```
.text, #text, p{  
    color:rgb(128, 63, 21)  
}
```

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, 63, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 63, 21) }
```

Border

The CSS property to change the border of an element to XYZ 10.8150, 8.1984, 1.7219 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, 63, 21) }
```


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

```
.border{ border-color:rgb(128, 63, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 63, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 63, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 63, 21);  
box-shadow:4px 4px 4px 4px rgb(128, 63,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8150, 8.1984, 1.7219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 63, 21) }
```

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

```
.background{ background-color: rgb(128, 63,  
21) }
```

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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