

Converting Colors

XYZ(11.0191, 8.4316, 2.6918)

Have a look what the booklet for
XYZ(11.0191, 8.4316, 2.6918)
contains.

XYZ(11.1108, 8.4972, 2.7236)	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(11.1108, 8.4972,
2.7236)**

Conversions

Conversions Part 1

Format	Color
Hex	804124
RGB	128, 65, 36
RGB Percent	50%, 25%, 14%
CMY	0.4980, 0.7451, 0.8588
CMYK	0.00, 0.49, 0.72, 0.50
HSL	19°, 56%, 32%
HSV	19°, 72%, 50%
XYZ	11.1108, 8.4972, 2.7236
YIQ	80.5310, 46.8570, 4.3370

Conversions

Conversions Part 2

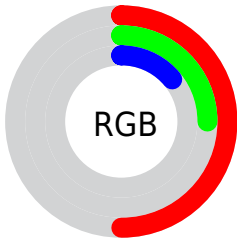
Format	Color
R_{YB}	128, 78, 36
Decimal	8405284
CIE _{Lab}	35.00, 24.66, 29.44
CIE _{LCh}	35, 38.400, 50.045
Yxy	8.4972, 0.4975, 0.3805
Android (android.graphics.Color)	4286595364 (0xFF804124)
YUV	80.5310, -21.9538, 41.6303
Hunter-Lab	29.1500, 17.0246, 14.8653

Details

The XYZ color **11.1108, 8.4972, 2.7236** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **9.0852, 10.8564, 22.0385**, and the grayscale version is **7.7643, 8.1687, 8.8957**.

A 20% lighter version of the original color is **27.5479, 22.9581, 10.9621**, and **3.0569, 1.9216, 0.2098** is the 20% darker color. If you saturate the color by 10%, you get **10.4845, 7.5035, 1.7169**, and if you desaturate by 10%, it is **11.8856, 9.6760, 4.1250**.

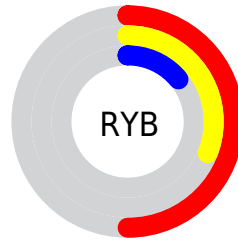
Distribution



Red (50%)

Green (25%)

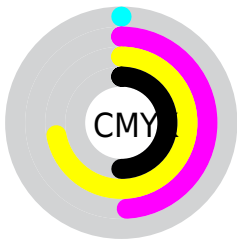
Blue (14%)



Red (50%)

Yellow (31%)

Blue (14%)

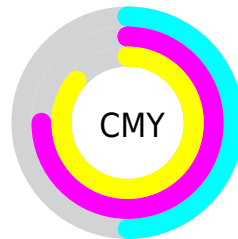


Cyan (0%)

Magenta (49%)

Yellow (72%)

Black (50%)



Cyan (50%)

Magenta (75%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1108, 8.4972, 2.7236 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 11.1108, 8.4972, 2.7236 by changing the saturation by 10% instead.

■ 11.1108, 8.4972,
2.7236

■ 11.1108, 8.4972,
2.7236

192.3188,
179.5814, 132.7585

■ 6.2093, 4.4147,
0.9553

■ 27.4960, 22.9275,
10.9384

■ 3.0146, 1.9081,
0.0000

■ 39.7104, 34.0442,
18.2220

■ 1.1615, 0.5533,
0.0000

■ 55.0931, 48.2743,
28.1812

■ 0.0756, 0.0000,
0.0000

■ 74.0094, 66.0024,
41.2344

■ 0.0000, 0.0000,
0.0000

■ 96.8248, 87.6127,
57.8001

■ 123.9046,

113.4897, 78.2971

155.6141,
144.0178, 103.1437

11.1108, 8.4972,
2.7236

11.1108, 8.4972,
2.7236

10.4845, 7.5035,
1.7169

11.8856, 9.6760,
4.1250

9.9946, 6.6832,
1.0619

12.8183, 11.0480,
5.9571

9.6727, 6.1307,
0.6735

13.9182, 12.6223,
8.2524

15.1937, 14.4070,
11.0399

16.6525, 16.4098,
14.3465

■ 18.3019, 18.6379,
18.1969

■ 20.1487, 21.0983,
22.6142

■ 22.1994, 23.7976,
27.6204

■ 24.4602, 26.7420,
33.2361

Harmonies

Analogous

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



12.7408, 8.4972, 5.6881



11.1108, 8.4972, 2.7236



8.8304, 8.4972, 1.7120

Triad

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



11.1108, 8.4972, 2.7236



4.5836, 8.4972, 7.3106



9.6157, 8.4972, 25.9506

Complementary

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



11.1108, 8.4972, 2.7236



9.0852, 10.8564, 22.0385

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.



7.3665, 8.4972, 27.0635



11.1108, 8.4972, 2.7236



4.7170, 8.4972, 14.0598

Square

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



11.1108, 8.4972, 2.7236



5.2469, 8.4972, 3.4466



5.6517, 8.4972, 22.0019



11.7747, 8.4972, 19.4239

Rectangle

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



11.1108, 8.4972, 2.7236



7.3604, 8.4972, 1.7131



5.6517, 8.4972, 22.0019



8.8373, 8.4972, 27.0568

Sweetspot

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



11.1110, 8.4977, 2.7238



29.1476, 28.6578, 24.8636



11.8525, 6.7788, 12.8420



6.6851, 6.5196, 5.5026



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.



11.1110, 8.4977, 2.7238



17.9061, 12.2944, 2.2507



14.7533, 15.7822, 3.9378



4.4299, 4.5484, 4.5646



9.5925, 6.0813, 0.6682



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.0852, 10.8564, 22.0385



14.0325, 16.5574, 38.4126



5.9617, 4.6094, 20.9973



4.3356, 4.6653, 5.4853



7.2963, 8.4111, 21.4889



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.1108, 8.4972, 2.7236 looks on a white background.

Color Contrast Check

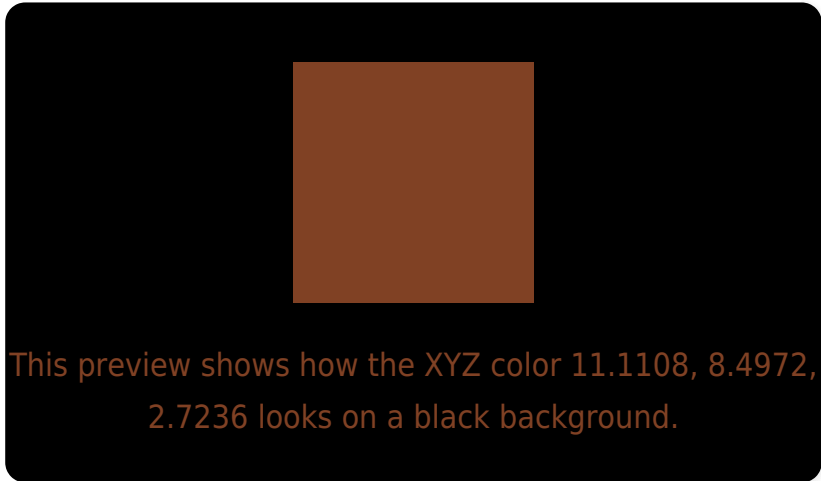
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.1108, 8.4972, 2.7236

Background



This preview shows how black text looks on a background with the XYZ color 11.1108, 8.4972, 2.7236.



This preview shows how white text looks on a background with the XYZ color 11.1108, 8.4972,

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

11.1108, 8.4972, 2.7236

Protanopia

7.9248, 8.6290, 3.4384

Deuteranopia

8.6640, 8.5853, 2.6393



Tritanopia

11.9119, 8.5844, 6.1834

Trichromacy



Original Color

11.1108, 8.4972, 2.7236

Protanomaly

8.7931, 8.3253, 3.1510

Deuteranomaly

9.4196, 8.4578, 2.6494

Tritanomaly

11.5204, 8.4980, 4.6475

Monochromacy



Original Color

11.1108, 8.4972, 2.7236

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

8.5072, 8.0105, 6.0988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1108, 8.4972, 2.7236 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, 36)` looks like.

```
.text, #text, p{  
    color:rgb(128, 65, 36)  
}
```

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, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 65, 36) }
```

Border

The CSS property to change the border of an element to XYZ 11.1108, 8.4972, 2.7236 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, 36) }
```


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

```
.border{ border-color:rgb(128, 65, 36) }
```

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, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 65, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 65, 36);  
box-shadow:4px 4px 4px 4px rgb(128, 65,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1108, 8.4972, 2.7236 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, 36) }
```

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

```
.background{ background-color: rgb(128, 65,  
36) }
```

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