

Converting Colors

XYZ(13.0738, 11.0009, 6.2848)

Have a look what the booklet for
XYZ(13.0738, 11.0009, 6.2848)
contains.

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Color

**XYZ(13.0738, 11.0009,
6.2848)**

Conversions

Conversions Part 1

Format	Color
Hex	825140
RGB	130, 81, 64
RGB Percent	51%, 32%, 25%
CMY	0.4902, 0.6823, 0.7490
CMYK	0.00, 0.38, 0.51, 0.49
HSL	15°, 34%, 38%
HSV	15°, 51%, 51%
XYZ	13.0738, 11.0009, 6.2848
YIQ	93.7130, 34.6610, 5.1010

Conversions

Conversions Part 2

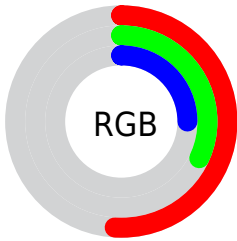
Format	Color
RYB	130, 87, 64
Decimal	8540480
CIELab	39.58, 18.52, 18.54
CIElCh	40, 26.207, 45.021
Yxy	11.0009, 0.4306, 0.3624
Android (android.graphics.Color)	4286730560 (0xFF825140)
YUV	93.7130, -14.6485, 31.8237
Hunter-Lab	33.1676, 12.3167, 11.9827

Details

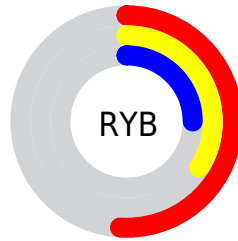
The XYZ color **13.0738, 11.0009, 6.2848** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.0484, 14.5112, 23.2850**, and the grayscale version is **10.5996, 11.1516, 12.1441**.

A 20% lighter version of the original color is **31.0485, 27.7167, 19.0427**, and **3.8783, 2.8759, 1.0602** is the 20% darker color. If you saturate the color by 10%, you get **12.0792, 9.5364, 4.3361**, and if you desaturate by 10%, it is **14.2571, 12.7049, 8.7222**.

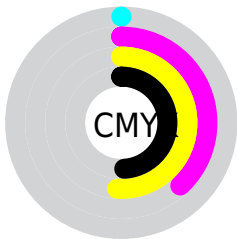
Distribution



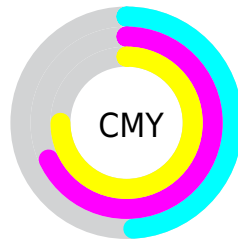
- Red (51%)
- Green (32%)
- Blue (25%)



- Red (51%)
- Yellow (34%)
- Blue (25%)



- Cyan (0%)
- Magenta (38%)
- Yellow (51%)
- Black (49%)





- Cyan (49%)
- Magenta (68%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.0738, 11.0009, 6.2848 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 13.0738, 11.0009, 6.2848 by changing the saturation by 10% instead.


 13.0738, 11.0009,
6.2848


 13.0738, 11.0009,
6.2848


205.0181,
197.6737, 170.9800


 7.5567, 6.0674,
2.9474


 31.0365, 27.6618,
19.0070


 3.8621, 2.8861,
1.0679

 44.2128, 40.1581,
29.2289


 1.6244, 1.0726,
0.0000

 60.6730, 55.9441,
42.5828

 0.4082, 0.0000,
0.0000

 80.7823, 75.4042,
59.4871

 0.0000, 0.0000,
0.0000

 104.9061, 98.9228,
80.3605

 133.4098,

126.8844, 105.6214

166.6587,
159.6732, 135.6884

■ 13.0738, 11.0009,
6.2848

■ 13.0738, 11.0009,
6.2848

■ 12.0792, 9.5364,
4.3361

■ 14.2571, 12.7049,
8.7222

■ 11.2623, 8.2987,
2.8420

■ 15.6379, 14.6571,
11.6779

■ 10.6117, 7.2766,
1.7650

■ 17.2254, 16.8676,
15.1800

■ 10.1145, 6.4569,
1.0611

■ 19.0277, 19.3455,
19.2544

■ 9.7635, 5.8610,
0.6167

■ 21.0527, 22.0994,
23.9251

■ 23.3079, 25.1377,
29.2151

■ 25.8003, 28.4683,
35.1457

■ 28.5367, 32.0986,
41.7377

■ 31.5235, 36.0362,
49.0106

Harmonies

Analogous

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



14.1325, 11.0009, 9.6075



13.0738, 11.0009, 6.2848



11.3682, 11.0009, 4.7721

Triad

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



13.0738, 11.0009, 6.2848



7.4792, 11.0009, 9.6135



11.3708, 11.0009, 24.1969

Complementary

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



13.0738, 11.0009, 6.2848



12.0484, 14.5112, 23.2850

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.



9.5940, 11.0009, 24.1999



13.0738, 11.0009, 6.2848



7.4798, 11.0009, 14.7098

Square

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



13.0738, 11.0009, 6.2848



8.2118, 11.0009, 6.2881



8.2133, 11.0009, 20.3608



13.0759, 11.0009, 20.3535

Rectangle

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



13.0738, 11.0009, 6.2848



10.1586, 11.0009, 4.6135



8.2133, 11.0009, 20.3608



10.7592, 11.0009, 24.6764

Sweetspot

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



13.0741, 11.0014, 6.2850



32.0106, 32.0148, 30.5008



14.0482, 9.6162, 16.8865



7.1202, 7.0741, 6.6209



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.



13.0741, 11.0014, 6.2850



21.0197, 16.4161, 7.1591



16.0924, 17.0382, 7.2911



4.4109, 4.5105, 4.5583



9.3667, 5.6298, 0.5930



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.0484, 14.5112, 23.2850



18.9691, 23.2857, 40.6873



9.0491, 8.5126, 22.2852



4.3556, 4.7052, 5.4919



7.9244, 9.6673, 21.6983



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.0738, 11.0009, 6.2848 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 13.0738, 11.0009, 6.2848 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 13.0738, 11.0009, 6.2848

Background



This preview shows how black text looks on a background with the XYZ color 13.0738, 11.0009, 6.2848.



This preview shows how white text looks on a background with the XYZ color 13.0738, 11.0009,

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

13.0738, 11.0009, 6.2848

Protanopia

10.3324, 11.1444, 7.2367

Deuteranopia

11.2078, 11.1049, 6.1102



Tritanopia

13.8403, 10.9944, 9.7802

Trichromacy



Original Color

13.0738, 11.0009, 6.2848

Protanomaly

11.1410, 10.9295, 6.8326

Deuteranomaly

11.9131, 11.0972, 6.2167

Tritanomaly

13.4956, 10.9531, 8.4240

Monochromacy



Original Color

13.0738, 11.0009, 6.2848

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.1971, 10.8951, 9.6964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0738, 11.0009, 6.2848 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(130, 81, 64)` looks like.

```
.text, #text, p{  
    color:rgb(130, 81, 64)  
}
```

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(130, 81, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 81, 64) }
```

Border

The CSS property to change the border of an element to XYZ 13.0738, 11.0009, 6.2848 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(130, 81, 64) }
```


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

```
.border{ border-color:rgb(130, 81, 64) }
```

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

Here you see how a box with a 4 pixel rgb(130, 81, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 81, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 81, 64);  
box-shadow:4px 4px 4px 4px rgb(130, 81,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0738, 11.0009, 6.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 81, 64) }
```

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

```
.background{ background-color: rgb(130, 81,  
64) }
```

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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