

Converting Colors

XYZ(11.6148, 8.5019, 3.0009)

Have a look what the booklet for
XYZ(11.6148, 8.5019, 3.0009)
contains.

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Color

**XYZ(11.6213, 8.5040,
3.0364)**

Conversions

Conversions Part 1

Format	Color
Hex	843E28
RGB	132, 62, 40
RGB Percent	52%, 24%, 16%
CMY	0.4824, 0.7568, 0.8431
CMYK	0.00, 0.53, 0.70, 0.48
HSL	14°, 53%, 34%
HSV	14°, 70%, 52%
XYZ	11.6213, 8.5040, 3.0364
YIQ	80.4220, 48.7820, 7.9980

Conversions

Conversions Part 2

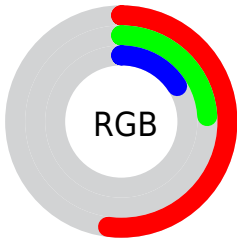
Format	Color
R_{YB}	132, 69, 40
Decimal	8666664
CIE _{Lab}	35.01, 28.29, 27.30
CIE _{LCh}	35, 39.315, 43.980
Yxy	8.5040, 0.5017, 0.3672
Android (android.graphics.Color)	4286856744 (0xFF843E28)
YUV	80.4220, -19.9280, 45.2339
Hunter-Lab	29.1616, 20.1018, 14.2397

Details

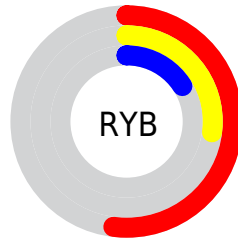
The XYZ color **11.6213, 8.5040, 3.0364** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **10.6153, 13.2678, 23.8310**, and the grayscale version is **7.7388, 8.1418, 8.8664**.

A 20% lighter version of the original color is **28.3504, 22.8596, 11.7222**, and **3.2989, 1.9338, 0.1994** is the 20% darker color. If you saturate the color by 10%, you get **10.9374, 7.4363, 1.8837**, and if you desaturate by 10%, it is **12.4833, 9.8053, 4.6271**.

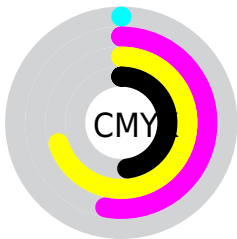
Distribution



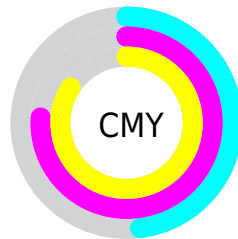
- Red (52%)
- Green (24%)
- Blue (16%)



- Red (52%)
- Yellow (27%)
- Blue (16%)



- Cyan (0%)
- Magenta (53%)
- Yellow (70%)
- Black (48%)



- Cyan (48%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6213, 8.5040, 3.0364 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 11.6213, 8.5040, 3.0364 by changing the saturation by 10% instead.

■ 11.6213, 8.5040,
3.0364

■ 11.6213, 8.5040,
3.0364

195.7034,
179.6334, 136.8229

■ 6.5567, 4.4191,
1.1133

■ 28.4264, 22.9407,
11.7181

■ 3.2303, 1.9107,
0.0000

■ 40.8975, 34.0613,
19.3138

■ 1.2767, 0.5548,
0.0000

■ 56.5683, 48.2960,
29.6374

■ 0.1657, 0.0000,
0.0000

■ 75.8040, 66.0290,
43.1074

■ 0.0000, 0.0000,
0.0000

■ 98.9700, 87.6449,
60.1424

■ 126.4317,

113.5280, 81.1610

158.5544,
144.0627, 106.5816

11.6213, 8.5040,
3.0364

11.6213, 8.5040,
3.0364

10.9374, 7.4363,
1.8837

12.4833, 9.8053,
4.6271

10.4173, 6.5863,
1.1236

13.5349, 11.3518,
6.6941

10.0310, 5.9327,
0.6280

14.7875, 13.1562,
9.2722

10.0206, 5.9156,
0.6137

16.2512, 15.2296,
12.3927

17.9355, 17.5827,
16.0842

■ 19.8491, 20.2256,
20.3736

■ 22.0005, 23.1675,
25.2859

■ 24.3975, 26.4178,
30.8445

■ 27.0478, 29.9849,
37.0720

Harmonies

Analogous

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



13.0623, 8.5040, 6.5719



11.6213, 8.5040, 3.0364



9.3393, 8.5040, 1.7179

Triad

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



11.6213, 8.5040, 3.0364



4.5906, 8.5040, 6.2380



9.1762, 8.5040, 27.2910

Complementary

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



11.6213, 8.5040, 3.0364



10.6153, 13.2678, 23.8310

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.



6.9444, 8.5040, 27.0566



11.6213, 8.5040, 3.0364



4.5633, 8.5040, 12.5949

Square

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



11.6213, 8.5040, 3.0364



5.4304, 8.5040, 2.8902



5.3471, 8.5040, 20.8355



11.4829, 8.5040, 21.3767

Rectangle

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



11.6213, 8.5040, 3.0364



7.7856, 8.5040, 1.5750



5.3471, 8.5040, 20.8355



8.3875, 8.5040, 27.9915

Sweetspot

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



11.6215, 8.5045, 3.0365



31.0388, 30.2009, 27.1046



13.1180, 7.5605, 15.6724



7.0607, 6.8003, 5.9453



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.6215, 8.5045, 3.0365



18.6680, 12.1304, 2.4149



15.2050, 15.6715, 4.2311



4.7564, 4.8563, 4.9160



9.7063, 5.7353, 0.5954



0.0385, 0.0297, 0.0037

Inverse Universe

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



10.6153, 13.2678, 23.8310



16.6755, 20.9285, 41.6139



6.9035, 5.8443, 22.5937



4.7098, 5.0952, 5.9360



8.4892, 10.5262, 22.7210



0.0350, 0.0477, 0.0806

Previews

White Background



This preview shows how the XYZ color 11.6213, 8.5040, 3.0364 looks on a white background.

Color Contrast Check

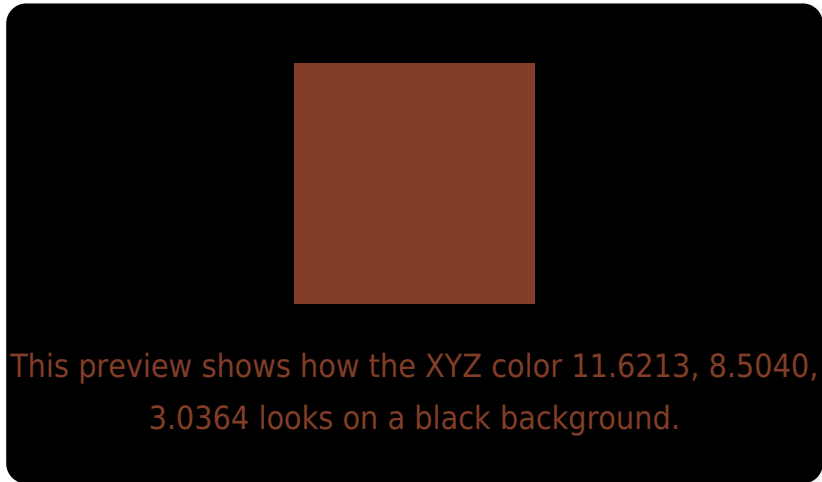
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6213, 8.5040, 3.0364

Background



This preview shows how black text looks on a background with the XYZ color 11.6213, 8.5040, 3.0364.



This preview shows how white text looks on a background with the XYZ color 11.6213, 8.5040,

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

11.6213, 8.5040, 3.0364

Protanopia

7.9207, 8.6159, 3.9349

Deuteranopia

8.7079, 8.6029, 2.8706



Tritanopia

12.1340, 8.4734, 5.6986

Trichromacy



Original Color

11.6213, 8.5040, 3.0364

Protanomaly

8.9146, 8.2782, 3.5109

Deuteranomaly

9.6559, 8.4761, 2.8774

Tritanomaly

11.9783, 8.4941, 4.6226

Monochromacy



Original Color

11.6213, 8.5040, 3.0364

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

8.4823, 7.7994, 6.0594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6213, 8.5040, 3.0364 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(132, 62, 40)` looks like.

```
.text, #text, p{  
    color:rgb(132, 62, 40)  
}
```

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(132, 62, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 62, 40) }
```

Border

The CSS property to change the border of an element to XYZ 11.6213, 8.5040, 3.0364 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(132, 62, 40) }
```


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

```
.border{ border-color:rgb(132, 62, 40) }
```

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

Here you see how a box with a 4 pixel rgb(132, 62, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 62, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 62, 40);  
box-shadow:4px 4px 4px 4px rgb(132, 62,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6213, 8.5040, 3.0364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 62, 40) }
```

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

```
.background{ background-color: rgb(132, 62,  
40) }
```

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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