

Converting Colors

XYZ(11.1727, 8.3299, 4.0056)

Have a look what the booklet for
XYZ(11.1727, 8.3299, 4.0056)
contains.

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Color

**XYZ(11.2553, 8.3745,
4.0408)**

Conversions

Conversions Part 1

Format	Color
Hex	803F32
RGB	128, 63, 50
RGB Percent	50%, 25%, 20%
CMY	0.4980, 0.7529, 0.8039
CMYK	0.00, 0.51, 0.61, 0.50
HSL	10°, 44%, 35%
HSV	10°, 61%, 50%
XYZ	11.2553, 8.3745, 4.0408
YIQ	80.9530, 42.9130, 9.7370

Conversions

Conversions Part 2

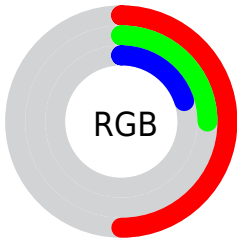
Format	Color
R_{YB}	128, 66, 50
Decimal	8404786
CIE Lab	34.75, 26.78, 20.79
CIE LCh	35, 33.902, 37.825
Yxy	8.3745, 0.4755, 0.3538
Android (android.graphics.Color)	4286594866 (0xFF803F32)
YUV	80.9530, -15.2598, 41.2602
Hunter-Lab	28.9387, 18.7822, 11.9783

Details

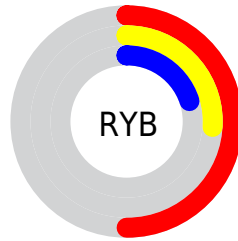
The XYZ color **11.2553, 8.3745, 4.0408** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **11.3419, 14.4971, 22.6224**, and the grayscale version is **7.8353, 8.2433, 8.9770**.

A 20% lighter version of the original color is **27.7190, 22.6418, 14.2186**, and **3.0312, 1.8352, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **10.4823, 7.2103, 2.6061**, and if you desaturate by 10%, it is **12.2205, 9.7995, 5.9208**.

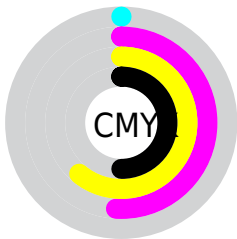
Distribution



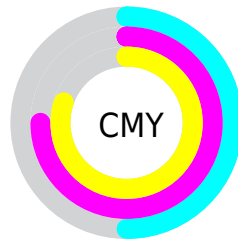
- Red (50%)
- Green (25%)
- Blue (20%)



- Red (50%)
- Yellow (26%)
- Blue (20%)



- Cyan (0%)
- Magenta (51%)
- Yellow (61%)
- Black (50%)





- Cyan (50%)
- Magenta (75%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.2553, 8.3745, 4.0408 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 11.2553, 8.3745, 4.0408 by changing the saturation by 10% instead.

 11.2553, 8.3745,
4.0408


 11.2553, 8.3745,
4.0408


193.2831,
178.6406, 148.6778

 6.3074, 4.3355,
1.6478


 27.7601, 22.6894,
14.1037


 3.0753, 1.8630,
0.3246

 40.0477, 33.7341,
22.6107


 1.1937, 0.5260,
0.0000

 55.5125, 47.8828,
33.9928

 0.1014, 0.0000,
0.0000

 74.5200, 65.5200,
48.6684

 0.0000, 0.0000,
0.0000

 97.4354, 87.0299,
67.0562

 124.6242,

112.7971, 89.5747

156.4516,
143.2058, 116.6423

■ 11.2553, 8.3745,
4.0408

■ 11.2553, 8.3745,
4.0408

■ 10.4823, 7.2103,
2.6061

■ 12.2205, 9.7995,
5.9208

■ 9.8875, 6.2896,
1.5790

■ 13.3892, 11.4984,
8.2786

■ 9.4561, 5.5950,
0.9167

■ 14.7725, 13.4852,
11.1440

■ 9.1765, 5.1381,
0.5081

■ 16.3807, 15.7725,
14.5444

■ 18.2233, 18.3720,
18.5053

■ 20.3092, 21.2950,
23.0504

■ 22.6468, 24.5521,
28.2020

■ 25.2444, 28.1534,
33.9815

■ 28.1096, 32.1087,
40.4089

Harmonies

Analogous

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



12.2177, 8.3745, 7.7502



11.2553, 8.3745, 4.0408



9.4398, 8.3745, 2.4040

Triad

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



11.2553, 8.3745, 4.0408



5.0010, 8.3745, 5.6746



8.4743, 8.3745, 24.1642

Complementary

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



11.2553, 8.3745, 4.0408



11.3419, 14.4971, 22.6224

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.



6.6430, 8.3745, 22.8756



11.2553, 8.3745, 4.0408



4.8275, 8.3745, 10.6388

Square

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



11.2553, 8.3745, 4.0408



5.8991, 8.3745, 3.0474



5.3798, 8.3745, 17.2846



10.4517, 8.3745, 20.3135

Rectangle

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



11.2553, 8.3745, 4.0408



8.1010, 8.3745, 2.0987



5.3798, 8.3745, 17.2846



7.8201, 8.3745, 24.3390

Sweetspot

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



11.2555, 8.3749, 4.0409



29.6199, 28.8722, 27.2726



13.1371, 8.1082, 17.0922



6.7534, 6.5031, 5.9976



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.



11.2555, 8.3749, 4.0409



18.0284, 12.0395, 3.8314



14.2291, 14.3222, 5.0322



4.3813, 4.4512, 4.5484



9.1000, 5.0963, 0.5041



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.3419, 14.4971, 22.6224



18.1452, 23.7240, 39.5791



7.7961, 7.4055, 21.4404



4.3873, 4.7687, 5.5025



9.0426, 11.9037, 22.0710



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.2553, 8.3745, 4.0408 looks on a white background.

Color Contrast Check

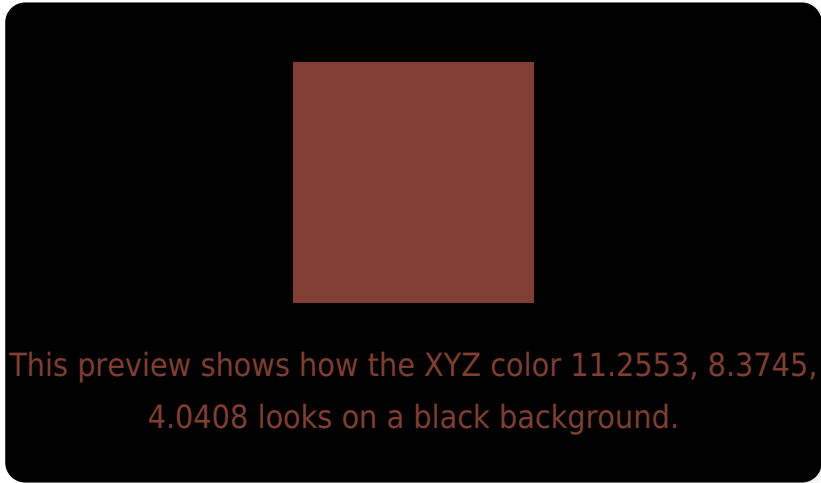
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2553, 8.3745, 4.0408

Background



This preview shows how black text looks on a background with the XYZ color 11.2553, 8.3745, 4.0408.

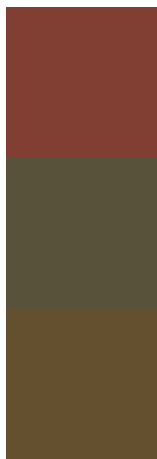


This preview shows how white text looks on a background with the XYZ color 11.2553, 8.3745,

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

11.2553, 8.3745, 4.0408

Protanopia

7.9008, 8.4639, 5.2203

Deuteranopia

8.5646, 8.5065, 3.8798



Tritanopia

11.6761, 8.3863, 6.0043

Trichromacy



Original Color

11.2553, 8.3745, 4.0408

Protanomaly

8.7992, 8.1916, 4.7318

Deuteranomaly

9.3465, 8.2935, 3.9045

Tritanomaly

11.5915, 8.4386, 5.2928

Monochromacy



Original Color

11.2553, 8.3745, 4.0408

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

8.5913, 7.9364, 6.8734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2553, 8.3745, 4.0408 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, 50)` looks like.

```
.text, #text, p{  
    color:rgb(128, 63, 50)  
}
```

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, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 63, 50) }
```

Border

The CSS property to change the border of an element to XYZ 11.2553, 8.3745, 4.0408 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, 50) }
```


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

```
.border{ border-color:rgb(128, 63, 50) }
```

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, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 63, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 63, 50);  
box-shadow:4px 4px 4px 4px rgb(128, 63,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2553, 8.3745, 4.0408 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, 50) }
```

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

```
.background{ background-color: rgb(128, 63,  
50) }
```

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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