

Converting Colors

XYZ(13.0882, 10.3592, 7.6149)

Have a look what the booklet for
XYZ(13.0882, 10.3592, 7.6149)
contains.

XYZ(13.0787, 10.3385, 7.6095)	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(13.0787, 10.3385,
7.6095)**

Conversions

Conversions Part 1

Format	Color
Hex	834B49
RGB	131, 75, 73
RGB Percent	51%, 29%, 29%
CMY	0.4863, 0.7059, 0.7137
CMYK	0.00, 0.43, 0.44, 0.49
HSL	2°, 28%, 40%
HSV	2°, 44%, 51%
XYZ	13.0787, 10.3385, 7.6095
YIQ	91.5160, 34.0180, 11.2500

Conversions

Conversions Part 2

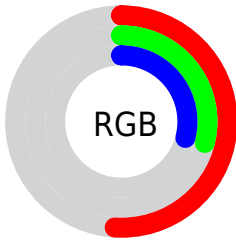
Format	Color
R_{YB}	131, 75, 73
Decimal	8604489
CIE Lab	38.44, 23.47, 11.49
CIE LCh	38, 26.126, 26.082
Yxy	10.3385, 0.4215, 0.3332
Android (android.graphics.Color)	4286794569 (0xFF834B49)
YUV	91.5160, -9.1284, 34.6275
Hunter-Lab	32.1535, 16.3376, 8.4758

Details

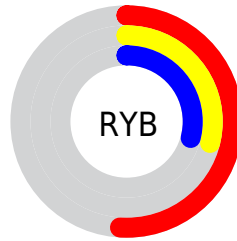
The XYZ color **13.0787, 10.3385, 7.6095** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **14.6941, 18.7546, 24.3181**, and the grayscale version is **10.0766, 10.6014, 11.5449**.

A 20% lighter version of the original color is **31.0962, 26.5115, 21.8906**, and **3.8856, 2.6297, 1.4652** is the 20% darker color. If you saturate the color by 10%, you get **11.9151, 8.6346, 5.2998**, and if you desaturate by 10%, it is **14.5049, 12.4211, 10.4583**.

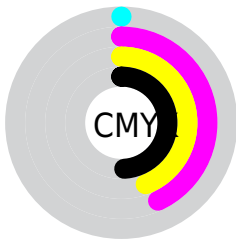
Distribution



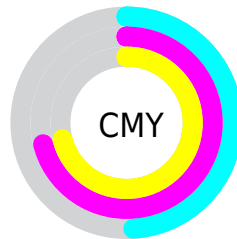
- Red (51%)
- Green (29%)
- Blue (29%)



- Red (51%)
- Yellow (29%)
- Blue (29%)



- Cyan (0%)
- Magenta (43%)
- Yellow (44%)
- Black (49%)





- Cyan (49%)
- Magenta (71%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.0787, 10.3385, 7.6095 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 13.0787, 10.3385, 7.6095 by changing the saturation by 10% instead.


 13.0787, 10.3385,
7.6095


 13.0787, 10.3385,
7.6095


205.0488,
193.0712, 182.4549


 7.5601, 5.6240,
3.7619


 31.0452, 26.4303,
21.7227


 3.8642, 2.6178,
1.4957

 44.2239, 38.5763,
32.8253


 1.6256, 0.9356,
0.2147

 60.6866, 53.9683,
47.1835

 0.4090, 0.0000,
0.0000

 80.7988, 72.9906,
65.2156

 0.0000, 0.0000,
0.0000

 104.9257, 96.0276,
87.3403

133.4328,

123.4638, 113.9760

166.6854,
155.6836, 145.5414

■ 13.0787, 10.3385,
7.6095

■ 13.0787, 10.3385,
7.6095

■ 11.9151, 8.6346,
5.2998

■ 14.5049, 12.4211,
10.4583

■ 10.9973, 7.2853,
3.4949

■ 16.2076, 14.9017,
13.8767

■ 10.3079, 6.2660,
2.1570

■ 18.2005, 17.8001,
17.8935

■ 9.8269, 5.5484,
1.2432

■ 20.4963, 21.1342,
22.5354

■ 9.5298, 5.0990,
0.6973

■ 23.1068, 24.9210,
27.8274

■ 9.4091, 4.9235,
0.4544

■ 26.0434, 29.1765,
33.7933

■ 29.3168, 33.9160,
40.4556

■ 32.9371, 39.1541,
47.8358

■ 36.9141, 44.9048,
55.9544

Harmonies

Analogous

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



13.4778, 10.3385, 11.9114



13.0787, 10.3385, 7.6095



11.7739, 10.3385, 5.1199

Triad

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



13.0787, 10.3385, 7.6095



7.3468, 10.3385, 6.7845



9.6039, 10.3385, 23.4788

Complementary

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



13.0787, 10.3385, 7.6095



14.6941, 18.7546, 24.3181

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.



8.1065, 10.3385, 20.9968



13.0787, 10.3385, 7.6095



6.9024, 10.3385, 10.6268

Square

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



13.0787, 10.3385, 7.6095



8.4530, 10.3385, 4.7494



7.1637, 10.3385, 15.9156



11.3411, 10.3385, 21.9850

Rectangle

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



13.0787, 10.3385, 7.6095



10.6372, 10.3385, 4.3764



7.1637, 10.3385, 15.9156



9.0580, 10.3385, 23.0667

Sweetspot

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



13.0790, 10.3390, 7.6097



32.9699, 32.4234, 32.8037



15.7094, 11.1771, 22.1214



7.5022, 7.2961, 7.2864



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.



13.0790, 10.3390, 7.6097



21.3471, 15.4769, 9.5098



15.5062, 15.1935, 8.4188



4.6845, 4.7126, 4.8921



9.2624, 4.8473, 0.4474



0.0329, 0.0184, 0.0018

Inverse Universe

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



14.6941, 18.7546, 24.3181



24.6213, 32.5557, 43.4394



11.4080, 12.1823, 23.2227



4.7882, 5.2520, 5.9621



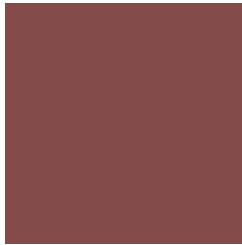
11.4370, 16.4217, 23.7036



0.0407, 0.0590, 0.0825

Previews

White Background



This preview shows how the XYZ color 13.0787, 10.3385, 7.6095 looks on a white background.

Color Contrast Check

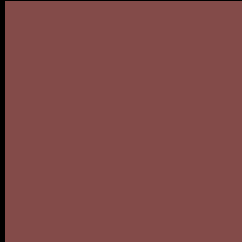
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.0787, 10.3385, 7.6095 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 13.0787, 10.3385, 7.6095

Background



This preview shows how black text looks on a background with the XYZ color 13.0787, 10.3385, 7.6095.

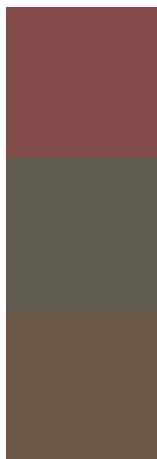


This preview shows how white text looks on a background with the XYZ color 13.0787, 10.3385,

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

13.0787, 10.3385, 7.6095

Protanopia

9.9456, 10.5091, 9.2889

Deuteranopia

10.6089, 10.3971, 7.4089



Tritanopia

13.3758, 10.3676, 8.6933

Trichromacy



Original Color

13.0787, 10.3385, 7.6095

Protanomaly

10.8080, 10.2352, 8.6137

Deuteranomaly

11.4654, 10.3674, 7.5277

Tritanomaly

13.3041, 10.3389, 8.3156

Monochromacy



Original Color

13.0787, 10.3385, 7.6095

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.9113, 10.3756, 10.0219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0787, 10.3385, 7.6095 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(131, 75, 73)` looks like.

```
.text, #text, p{  
    color:rgb(131, 75, 73)  
}
```

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(131, 75, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 75, 73) }
```

Border

The CSS property to change the border of an element to XYZ 13.0787, 10.3385, 7.6095 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(131, 75, 73) }
```


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

```
.border{ border-color:rgb(131, 75, 73) }
```

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

Here you see how a box with a 4 pixel rgb(131, 75, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 75, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 75, 73);  
box-shadow:4px 4px 4px 4px rgb(131, 75,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0787, 10.3385, 7.6095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 75, 73) }
```

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

```
.background{ background-color: rgb(131, 75,  
73) }
```

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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