

Converting Colors

XYZ(10.6612, 8.3717, 6.2549)

Have a look what the booklet for
XYZ(10.6612, 8.3717, 6.2549)
contains.

XYZ(10.5983, 8.3296, 6.2034)	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(10.5983, 8.3296,
6.2034)**

Conversions

Conversions Part 1

Format	Color
Hex	774342
RGB	119, 67, 66
RGB Percent	47%, 26%, 26%
CMY	0.5333, 0.7372, 0.7412
CMYK	0.00, 0.44, 0.45, 0.53
HSL	1°, 29%, 36%
HSV	1°, 45%, 47%
XYZ	10.5983, 8.3296, 6.2034
YIQ	82.4340, 31.3130, 10.7130

Conversions

Conversions Part 2

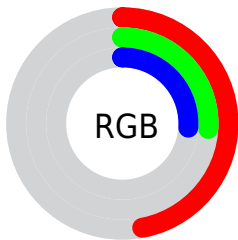
Format	Color
R_{YB}	119, 67, 66
Decimal	7816002
CIE Lab	34.66, 22.30, 10.39
CIE LCh	35, 24.598, 24.979
Yxy	8.3296, 0.4217, 0.3314
Android (android.graphics.Color)	4286006082 (0xFF774342)
YUV	82.4340, -8.1020, 32.0684
Hunter-Lab	28.8610, 15.0416, 7.4589

Details

The XYZ color **10.5983, 8.3296, 6.2034** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **12.0547, 15.4464, 19.7989**, and the grayscale version is **8.1190, 8.5418, 9.3020**.

A 20% lighter version of the original color is **26.5162, 22.5899, 18.8823**, and **2.8255, 1.8646, 1.0216** is the 20% darker color. If you saturate the color by 10%, you get **9.6578, 6.9529, 4.3354**, and if you desaturate by 10%, it is **11.7522, 10.0162, 8.5029**.

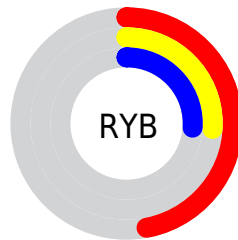
Distribution



Red (47%)

Green (26%)

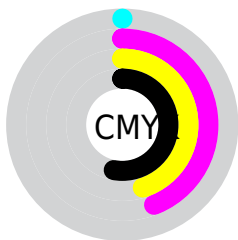
Blue (26%)



Red (47%)

Yellow (26%)

Blue (26%)

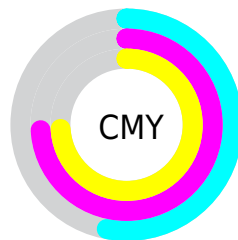


Cyan (0%)

Magenta (44%)

Yellow (45%)

Black (53%)



Cyan (53%)


Magenta (74%)

Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.5983, 8.3296, 6.2034 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 10.5983, 8.3296, 6.2034 by changing the saturation by 10% instead.


 10.5983, 8.3296,
6.2034


 10.5983, 8.3296,
6.2034


188.8563,
178.2948, 170.2416


 5.8627, 4.3066,
2.8984

 26.5545, 22.6021,
18.8365


 2.8016, 1.8465,
1.0430


 38.5058, 33.6204,
29.0017

 1.0498, 0.5159,
0.0000

 53.5931, 47.7391,
42.2907

 0.0000, 0.0000,
0.0000

 72.1817, 65.3429,
59.1221

 94.6370, 86.8159,
79.9143

 121.3242,

112.5426, 105.0859

152.6089,
142.9075, 135.0555

■ 10.5983, 8.3296,
6.2034

■ 10.5983, 8.3296,
6.2034

■ 9.6578, 6.9529,
4.3354

■ 11.7522, 10.0162,
8.5029

■ 8.9171, 5.8662,
2.8716

■ 13.1308, 12.0288,
11.2581

■ 8.3619, 5.0491,
1.7824


■ 14.7453, 14.3835,
14.4917


■ 7.9758, 4.4781,
1.0336


■ 16.6062, 17.0954,
18.2251


■ 7.7371, 4.1235,
0.5748


■ 18.7230, 20.1784,
22.4781

 7.6322, 3.9708,
0.3642

 21.1050, 23.6458,
27.2695

 23.7609, 27.5101,
32.6174

 26.6991, 31.7834,
38.5386

 29.9275, 36.4772,
45.0496

Harmonies

Analogous

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



10.8925, 8.3296, 9.7568



10.5983, 8.3296, 6.2034



9.5538, 8.3296, 4.1305

Triad

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



10.5983, 8.3296, 6.2034



5.9219, 8.3296, 5.3446



7.6852, 8.3296, 19.0439

Complementary

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



10.5983, 8.3296, 6.2034



12.0547, 15.4464, 19.7989

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.



6.4788, 8.3296, 16.9029



10.5983, 8.3296, 6.2034



5.5397, 8.3296, 8.4153

Square

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



10.5983, 8.3296, 6.2034



6.8401, 8.3296, 3.7461



5.7310, 8.3296, 12.7052



9.1014, 8.3296, 17.9390

Rectangle

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



10.5983, 8.3296, 6.2034



8.6309, 8.3296, 3.4994



5.7310, 8.3296, 12.7052



7.2437, 8.3296, 18.6653

Sweetspot

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



10.5985, 8.3300, 6.2036



26.7833, 26.3087, 26.7096



12.8330, 9.1292, 18.2617



6.2098, 6.0343, 6.0541



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.5985, 8.3300, 6.2036



17.3232, 12.4929, 7.8205



12.5393, 12.2115, 6.8505



3.6890, 3.7109, 3.8641



8.1079, 4.2171, 0.3866



39.4398, 20.4082, 1.8605

Inverse Universe

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



12.0547, 15.4464, 19.7989



20.2725, 26.9136, 35.3794



9.3706, 10.0783, 18.9042



3.7777, 4.1440, 4.6910



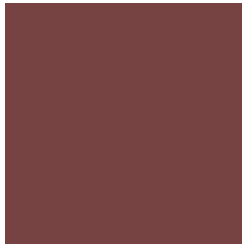
10.2642, 14.8681, 20.8714



49.9436, 72.3039, 101.6840

Previews

White Background



This preview shows how the XYZ color 10.5983, 8.3296, 6.2034 looks on a white background.

Color Contrast Check

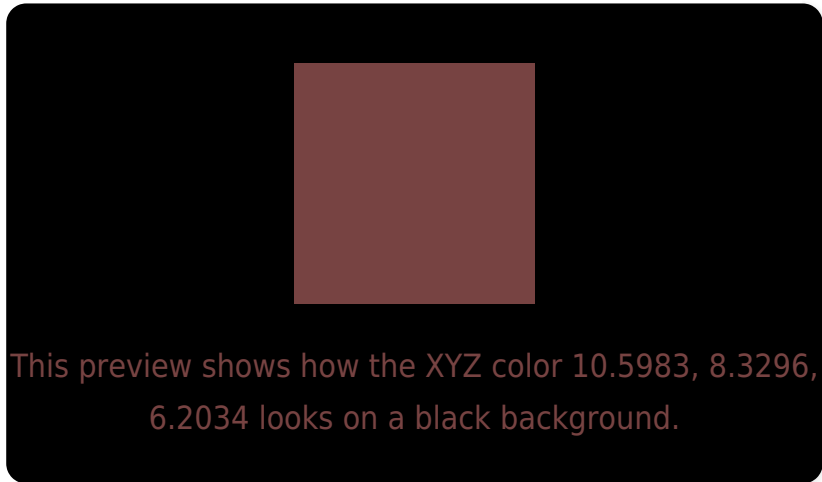
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.5983, 8.3296, 6.2034

Background



This preview shows how black text looks on a background with the XYZ color 10.5983, 8.3296, 6.2034.



This preview shows how white text looks on a background with the XYZ color 10.5983, 8.3296,

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

10.5983, 8.3296, 6.2034

Protanopia

8.0576, 8.4941, 7.5182

Deuteranopia

8.5453, 8.4489, 6.0309



Tritanopia

10.6933, 8.2733, 6.9945

Trichromacy



Original Color

10.5983, 8.3296, 6.2034

Protanomaly

8.7964, 8.3466, 6.9418

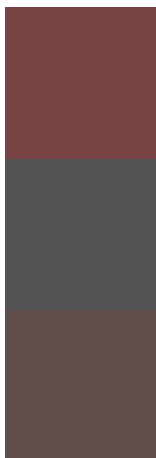
Deuteranomaly

9.1791, 8.3569, 6.1303

Tritanomaly

10.6301, 8.2480, 6.6620

Monochromacy



Original Color

10.5983, 8.3296, 6.2034

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

8.6777, 8.2625, 7.9749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5983, 8.3296, 6.2034 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(119, 67, 66)` looks like.

```
.text, #text, p{  
    color:rgb(119, 67, 66)  
}
```

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(119, 67, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 67, 66) }
```

Border

The CSS property to change the border of an element to XYZ 10.5983, 8.3296, 6.2034 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(119, 67, 66) }
```


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

```
.border{ border-color:rgb(119, 67, 66) }
```

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

Here you see how a box with a 4 pixel rgb(119, 67, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 67, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 67, 66);  
box-shadow:4px 4px 4px 4px rgb(119, 67,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5983, 8.3296, 6.2034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 67, 66) }
```

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

```
.background{ background-color: rgb(119, 67,  
66) }
```

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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