

Converting Colors

XYZ(13.0365, 12.2983, 6.3893)

Have a look what the booklet for
XYZ(13.0365, 12.2983, 6.3893)
contains.

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Color

**XYZ(13.0365, 12.2983,
6.3893)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5C3F
RGB	124, 92, 63
RGB Percent	49%, 36%, 25%
CMY	0.5137, 0.6392, 0.7529
CMYK	0.00, 0.26, 0.49, 0.51
HSL	29°, 33%, 37%
HSV	29°, 49%, 49%
XYZ	13.0365, 12.2983, 6.3893
YIQ	98.2620, 28.3810, -2.2350

Conversions

Conversions Part 2

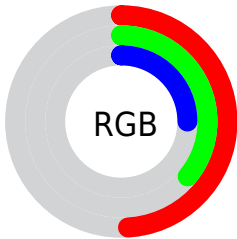
Format	Color
RYB	124, 118, 63
Decimal	8150079
CIELab	41.69, 9.21, 21.74
CIELCh	42, 23.610, 67.045
Yxy	12.2983, 0.4109, 0.3877
Android (android.graphics.Color)	4286340159 (0xFF7C5C3F)
YUV	98.2620, -17.3842, 22.5722
Hunter-Lab	35.0689, 4.9848, 13.7461

Details

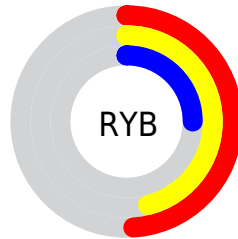
The XYZ color **13.0365, 12.2983, 6.3893** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.7799, 10.6958, 20.6176**, and the grayscale version is **11.7121, 12.3220, 13.4187**.

A 20% lighter version of the original color is **30.9023, 29.9587, 19.1928**, and **3.8509, 3.4210, 1.1192** is the 20% darker color. If you saturate the color by 10%, you get **12.1889, 11.0965, 4.5854**, and if you desaturate by 10%, it is **14.0112, 13.6293, 8.6210**.

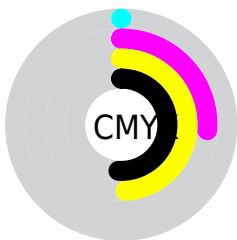
Distribution



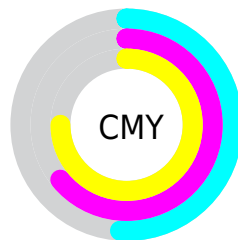
- Red (49%)
- Green (36%)
- Blue (25%)



- Red (49%)
- Yellow (46%)
- Blue (25%)



- Cyan (0%)
- Magenta (26%)
- Yellow (49%)
- Black (51%)





- Cyan (51%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.0365, 12.2983, 6.3893 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 13.0365, 12.2983, 6.3893 by changing the saturation by 10% instead.


 13.0365, 12.2983,
6.3893


 13.0365, 12.2983,
6.3893


204.7843,
206.3702, 171.9218


 7.5309, 6.9472,
3.0106


 30.9701, 30.0372,
19.2252


 3.8455, 3.4291,
1.1001


 44.1288, 43.1939,
29.5194

 1.6151, 1.3596,
0.0000

 60.5692, 59.7211,
42.9560

 0.4022, 0.1867,
0.0000

 80.6566, 80.0033,
59.9534

 0.0000, 0.0000,
0.0000

 104.7565,
104.4249, 80.9301

 133.2342,

133.3704, 106.3047

166.4550,
167.2240, 136.4958

■ 13.0365, 12.2983,
6.3893

■ 13.0365, 12.2983,
6.3893

■ 12.1889, 11.0965,
4.5854

■ 14.0112, 13.6293,
8.6210

■ 11.4609, 10.0176,
3.1803

■ 15.1181, 15.0919,
11.3055

■ 10.8456, 9.0573,
2.1423

■ 16.3630, 16.6909,
14.4668

■ 10.3348, 8.2101,
1.4345

■ 17.7511, 18.4300,
18.1269

■ 9.9065, 7.4651,
0.9475

■ 19.2874, 20.3128,
22.3064

■ 9.8739, 7.4087,
0.9096

■ 20.9764, 22.3430,
27.0248

■ 22.8226, 24.5238,
32.3006

■ 24.8304, 26.8585,
38.1513

■ 27.0036, 29.3503,
44.5938

Harmonies

Analogous

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



14.5534, 12.2983, 8.4282



13.0365, 12.2983, 6.3893



11.2855, 12.2983, 5.9812

Triad

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



13.0365, 12.2983, 6.3893



8.6862, 12.2983, 14.5947



13.8121, 12.2983, 22.5354

Complementary

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



13.0365, 12.2983, 6.3893



9.7799, 10.6958, 20.6176

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.



12.1023, 12.2983, 25.2597



13.0365, 12.2983, 6.3893



9.2278, 12.2983, 19.9964

Square

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



13.0365, 12.2983, 6.3893



8.8834, 12.2983, 10.0052



10.4380, 12.2983, 24.2310



15.0311, 12.2983, 17.4650

Rectangle

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



13.0365, 12.2983, 6.3893



10.2396, 12.2983, 6.5665



10.4380, 12.2983, 24.2310



13.2695, 12.2983, 23.8064

Sweetspot

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



13.0368, 12.2989, 6.3895



29.7023, 30.5171, 27.8239



12.1795, 8.6761, 11.9867



6.8973, 7.0638, 6.2963



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.0368, 12.2989, 6.3895



21.2841, 19.2869, 7.7346



16.1647, 18.5547, 7.4322



4.1409, 4.3002, 4.2363



10.0353, 7.5265, 0.9238



47.0285, 34.2204, 4.1265

Inverse Universe

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



9.7799, 10.6958, 20.6176



14.8374, 16.1094, 35.8840



7.5803, 6.2965, 19.8844



3.9554, 4.2090, 5.0471



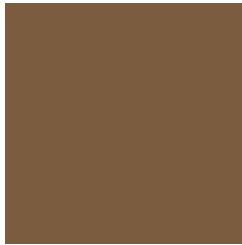
5.6199, 5.3223, 20.1164



25.9501, 23.6728, 95.6714

Previews

White Background



This preview shows how the XYZ color 13.0365, 12.2983, 6.3893 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 13.0365, 12.2983, 6.3893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

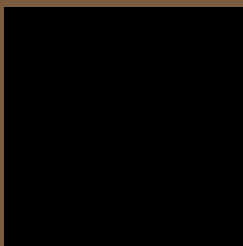
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.0365, 12.2983, 6.3893

Background



This preview shows how black text looks on a background with the XYZ color 13.0365, 12.2983, 6.3893.



This preview shows how white text looks on a background with the XYZ color 13.0365, 12.2983,

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

13.0365, 12.2983, 6.3893

Protanopia

11.5086, 12.4428, 6.9494

Deuteranopia

12.5077, 12.2862, 6.4149



Tritanopia

14.3077, 12.3177, 12.4499

Trichromacy



Original Color

13.0365, 12.2983, 6.3893

Protanomaly

11.9471, 12.2581, 6.7374

Deuteranomaly

12.6967, 12.2525, 6.3984

Tritanomaly

13.7379, 12.2049, 9.8153

Monochromacy



Original Color

13.0365, 12.2983, 6.3893

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.8860, 12.1474, 10.3126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0365, 12.2983, 6.3893 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(124, 92, 63)` looks like.

```
.text, #text, p{  
    color:rgb(124, 92, 63)  
}
```

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(124, 92, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 92, 63) }
```

Border

The CSS property to change the border of an element to XYZ 13.0365, 12.2983, 6.3893 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(124, 92, 63) }
```


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

```
.border{ border-color:rgb(124, 92, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 92, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 92, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 92, 63);  
box-shadow:4px 4px 4px 4px rgb(124, 92,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0365, 12.2983, 6.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 92, 63) }
```

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

```
.background{ background-color: rgb(124, 92,  
63) }
```

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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