

Converting Colors

XYZ(13.8482, 13.6385, 7.5341)

Have a look what the booklet for
XYZ(13.8482, 13.6385, 7.5341)
contains.

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Color

**XYZ(13.8482, 13.6384,
7.5328)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6345
RGB	124, 99, 69
RGB Percent	49%, 39%, 27%
CMY	0.5137, 0.6118, 0.7294
CMYK	0.00, 0.20, 0.44, 0.51
HSL	33°, 28%, 38%
HSV	33°, 44%, 49%
XYZ	13.8482, 13.6384, 7.5328
YIQ	103.0550, 24.5300, -4.0300

Conversions

Conversions Part 2

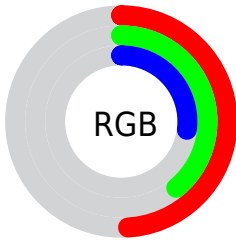
Format	Color
R_{YB}	115, 124, 69
Decimal	8151877
CIE _{Lab}	43.71, 5.73, 20.84
CIE _{LCh}	44, 21.618, 74.628
Yxy	13.6384, 0.3954, 0.3895
Android (android.graphics.Color)	4286341957 (0xFF7C6345)
YUV	103.0550, -16.7891, 18.3688
Hunter-Lab	36.9302, 2.3066, 13.7575

Details

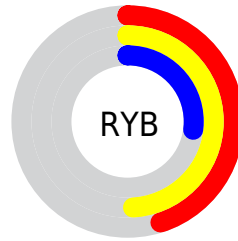
The XYZ color **13.8482, 13.6384, 7.5328** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.0949, 10.7255, 20.6070**, and the grayscale version is **12.9454, 13.6196, 14.8317**.

A 20% lighter version of the original color is **32.5365, 32.5857, 21.7143**, and **4.1962, 4.0329, 1.4770** is the 20% darker color. If you saturate the color by 10%, you get **12.9875, 12.4699, 5.5413**, and if you desaturate by 10%, it is **14.8274, 14.9150, 9.9610**.

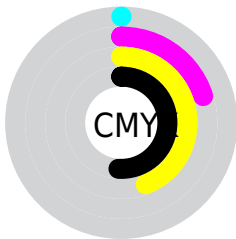
Distribution



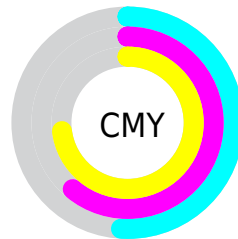
- Red (49%)
- Green (39%)
- Blue (27%)



- Red (45%)
- Yellow (49%)
- Blue (27%)



- Cyan (0%)
- Magenta (20%)
- Yellow (44%)
- Black (51%)



- Cyan (51%)
- Magenta (61%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8482, 13.6384, 7.5328 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 13.8482, 13.6384, 7.5328 by changing the saturation by 10% instead.

■ 13.8482, 13.6384,
7.5328

■ 13.8482, 13.6384,
7.5328

209.8140,
214.9695, 181.8158

■ 8.0962, 7.8696,
3.7140

■ 32.4080, 32.4460,
21.5682

■ 4.2089, 4.0116,
1.4698

■ 45.9464, 46.2537,
32.6218

■ 1.8210, 1.6801,
0.1953

■ 62.8110, 63.5097,
46.9242

■ 0.5303, 0.4107,
0.0000

■ 83.3671, 84.5985,
64.8939

■ 0.0000, 0.0000,
0.0000

■ 107.9801,
109.9045, 86.9493

137.0154,

139.8121, 113.5091

170.8382,
174.7056, 144.9917

■ 13.8482, 13.6384,
7.5328

■ 13.8482, 13.6384,
7.5328

■ 12.9875, 12.4699,
5.5413

■ 14.8274, 14.9150,
9.9610

■ 12.2383, 11.4039,
3.9589

■ 15.9293, 16.3009,
12.8497

■ 11.5947, 10.4373,
2.7559

■ 17.1593, 17.8000,
16.2219

■ 11.0494, 9.5660,
1.8982

■ 18.5220, 19.4153,
20.0987

■ 10.5926, 8.7846,
1.3383

■ 20.0219, 21.1496,
24.5001

■ 10.3578, 8.3762,
1.0709

■ 21.6632, 23.0056,
29.4449

■ 23.4498, 24.9860,
34.9511

■ 25.3856, 27.0933,
41.0356

■ 27.4743, 29.3300,
47.7149

Harmonies

Analogous

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



15.4293, 13.6384, 9.1999



13.8482, 13.6384, 7.5328



12.1553, 13.6384, 7.5128

Triad

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



13.8482, 13.6384, 7.5328



10.0522, 13.6384, 17.3399



15.3956, 13.6384, 22.5521

Complementary

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



13.8482, 13.6384, 7.5328



10.0949, 10.7255, 20.6070

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.



13.8054, 13.6384, 25.8652



13.8482, 13.6384, 7.5328



10.7744, 13.6384, 22.4388

Square

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



13.8482, 13.6384, 7.5328



10.0615, 13.6384, 12.5055



12.1161, 13.6384, 25.8197



16.3745, 13.6384, 17.4703

Rectangle

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



13.8482, 13.6384, 7.5328



11.1939, 13.6384, 8.4056



12.1161, 13.6384, 25.8197



14.9090, 13.6384, 23.9543

Sweetspot

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



13.8485, 13.6390, 7.5331



30.4359, 31.6114, 29.2178



12.4908, 9.3616, 11.8960



7.0666, 7.3230, 6.5973



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.



13.8485, 13.6390, 7.5331



22.8685, 21.9630, 9.7817



16.3316, 18.9948, 8.4360



4.1626, 4.3435, 4.2435



10.5270, 8.5099, 1.0877



49.3553, 38.8740, 4.9021

Inverse Universe

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



10.0949, 10.7255, 20.6070



15.3838, 16.1578, 35.8646



8.3527, 7.0449, 19.9884



3.9337, 4.1657, 5.0399



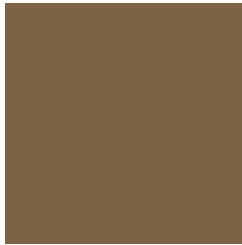
5.1512, 4.3849, 19.9602



23.7430, 19.2587, 94.9357

Previews

White Background



This preview shows how the XYZ color 13.8482, 13.6384, 7.5328 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 13.8482, 13.6384, 7.5328 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 13.8482, 13.6384, 7.5328

Background



This preview shows how black text looks on a background with the XYZ color 13.8482, 13.6384, 7.5328.



This preview shows how white text looks on a background with the XYZ color 13.8482, 13.6384,

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

13.8482, 13.6384, 7.5328

Protanopia

12.6697, 13.6002, 7.9186

Deuteranopia

13.8482, 13.6384, 7.5328



Tritanopia

15.2429, 13.6558, 14.4028

Trichromacy



Original Color

13.8482, 13.6384, 7.5328

Protanomaly

13.0593, 13.6579, 7.7423

Deuteranomaly

13.8482, 13.6384, 7.5328

Tritanomaly

14.6325, 13.5395, 11.5150

Monochromacy



Original Color

13.8482, 13.6384, 7.5328

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.1952, 13.6376, 11.8344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8482, 13.6384, 7.5328 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, 99, 69) looks like.

```
.text, #text, p{  
    color:rgb(124, 99, 69)  
}
```

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, 99, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 99, 69) }
```

Border

The CSS property to change the border of an element to XYZ 13.8482, 13.6384, 7.5328 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, 99, 69) }
```


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

```
.border{ border-color:rgb(124, 99, 69) }
```

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

Here you see how a box with a 4 pixel rgb(124, 99, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 99, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 99, 69);  
box-shadow:4px 4px 4px 4px rgb(124, 99,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8482, 13.6384, 7.5328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 99, 69) }
```

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

```
.background{ background-color: rgb(124, 99,  
69) }
```

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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