

Converting Colors

XYZ(17.0753, 13.7952, 3.7690)

Have a look what the booklet for
XYZ(17.0753, 13.7952, 3.7690)
contains.

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Color

**XYZ(17.1176, 13.8396,
3.7766)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5728
RGB	154, 87, 40
RGB Percent	60%, 34%, 16%
CMY	0.3961, 0.6588, 0.8431
CMYK	0.00, 0.44, 0.74, 0.40
HSL	25°, 59%, 38%
HSV	25°, 74%, 60%
XYZ	17.1176, 13.8396, 3.7766
YIQ	101.6750, 55.0190, -0.4130

Conversions

Conversions Part 2

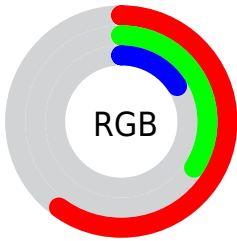
Format	Color
RYB	154, 120, 40
Decimal	10114856
CIELab	44.00, 23.73, 38.23
CIELCh	44, 44.995, 58.168
Yxy	13.8396, 0.4928, 0.3984
Android (android.graphics.Color)	4288304936 (0xFF9A5728)
YUV	101.6750, -30.4058, 45.8890
Hunter-Lab	37.2016, 17.0305, 20.0222

Details

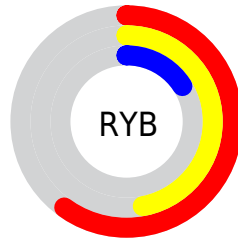
The XYZ color **17.1176, 13.8396, 3.7766** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.9651, 13.2988, 32.5079**, and the grayscale version is **12.6116, 13.2684, 14.4492**.

A 20% lighter version of the original color is **38.1477, 32.7420, 13.5418**, and **5.7958, 4.1143, 0.4887** is the 20% darker color. If you saturate the color by 10%, you get **16.2187, 12.3807, 2.4322**, and if you desaturate by 10%, it is **18.2135, 15.5254, 5.7018**.

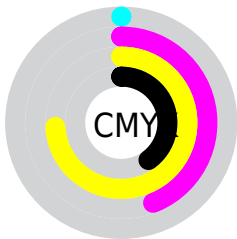
Distribution



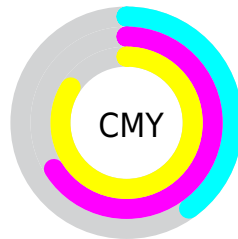
- Red (60%)
- Green (34%)
- Blue (16%)



- Red (60%)
- Yellow (47%)
- Blue (16%)



- Cyan (0%)
- Magenta (44%)
- Yellow (74%)
- Black (40%)



- Cyan (40%)
- Magenta (66%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1176, 13.8396, 3.7766 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 17.1176, 13.8396, 3.7766 by changing the saturation by 10% instead.

■ 17.1176, 13.8396,
3.7766

■ 17.1176, 13.8396,
3.7766

228.9922,
216.2307, 145.7089

■ 10.4142, 8.0092,
1.5036

■ 38.0699, 32.8042,
13.4912

■ 5.7388, 4.1008,
0.2206

■ 53.0494, 46.7071,
21.7698

■ 2.7261, 1.7301,
0.0000

■ 71.5184, 64.0696,
32.8874

■ 1.0106, 0.4430,
0.0000

■ 93.8422, 85.2762,
47.2626

■ 0.0000, 0.0000,
0.0000

■ 120.3861,
110.7112, 65.3137

■ 151.5155,

140.7590, 87.4595

187.5957,
175.8041, 114.1184

■ 17.1176, 13.8396,
3.7766

■ 17.1176, 13.8396,
3.7766

■ 16.2187, 12.3807,
2.4322

■ 18.2135, 15.5254,
5.7018

■ 15.4990, 11.1346,
1.5965

■ 19.5196, 17.4470,
8.2667

■ 15.1314, 10.4802,
1.2254

■ 21.0490, 19.6149,
11.5233

■ 22.8134, 22.0384,
15.5184

■ 24.8233, 24.7264,
20.2943

■ 27.0888, 27.6872,
25.8904

■ 29.6192, 30.9285,
32.3432

■ 32.4234, 34.4580,
39.6870

■ 35.5099, 38.2829,
47.9543

Harmonies

Analogous

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



20.1822, 13.8396, 7.5626



17.1176, 13.8396, 3.7766



13.3749, 13.8396, 2.7220

Triad

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



17.1176, 13.8396, 3.7766



7.4162, 13.8396, 14.4490



16.6684, 13.8396, 39.8979

Complementary

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



17.1176, 13.8396, 3.7766



11.9651, 13.2988, 32.5079

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.



12.9358, 13.8396, 44.5018



17.1176, 13.8396, 3.7766



7.9826, 13.8396, 26.3866

Square

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



17.1176, 13.8396, 3.7766



8.1410, 13.8396, 6.8956



9.8552, 13.8396, 38.7068



19.8916, 13.8396, 28.0002

Rectangle

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



17.1176, 13.8396, 3.7766



11.1275, 13.8396, 3.0440



9.8552, 13.8396, 38.7068



15.4130, 13.8396, 42.5346

Sweetspot

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



17.1179, 13.8403, 3.7768



45.7144, 45.7364, 38.3756



16.8133, 9.4789, 15.2427



10.1270, 10.0614, 8.1514



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.1179, 13.8403, 3.7768



28.5454, 20.9196, 3.3005



23.4718, 26.5481, 5.8948



6.4075, 6.6201, 6.5459



12.3618, 8.6059, 1.0096



0.2194, 0.1978, 0.0266

Inverse Universe

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



11.9651, 13.2988, 32.5079



18.5875, 19.7255, 58.3640



7.9092, 5.1871, 31.1559



6.1709, 6.5992, 7.8775



7.8013, 7.9994, 26.0406



0.1524, 0.1911, 0.4012

Previews

White Background



This preview shows how the XYZ color 17.1176, 13.8396, 3.7766 looks on a white background.

Color Contrast Check

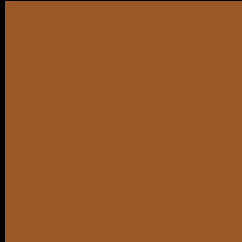
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1176, 13.8396, 3.7766 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 17.1176, 13.8396, 3.7766

Background



This preview shows how black text looks on a background with the XYZ color 17.1176, 13.8396, 3.7766.



This preview shows how white text looks on a background with the XYZ color 17.1176, 13.8396,

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

17.1176, 13.8396, 3.7766

Protanopia

12.7277, 14.0056, 4.5152

Deuteranopia

14.1404, 13.8763, 3.6022



Tritanopia

18.6834, 13.9073, 10.9322

Trichromacy



Original Color

17.1176, 13.8396, 3.7766

Protanomaly

14.0096, 13.6556, 4.1829

Deuteranomaly

15.0736, 13.8070, 3.6208

Tritanomaly

18.0180, 13.8635, 7.6875

Monochromacy



Original Color

17.1176, 13.8396, 3.7766

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.5711, 13.1788, 9.2256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1176, 13.8396, 3.7766 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(154, 87, 40)` looks like.

```
.text, #text, p{  
    color:rgb(154, 87, 40)  
}
```

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(154, 87, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 87, 40) }
```

Border

The CSS property to change the border of an element to XYZ 17.1176, 13.8396, 3.7766 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(154, 87, 40) }
```


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

```
.border{ border-color:rgb(154, 87, 40) }
```

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

Here you see how a box with a 4 pixel rgb(154, 87, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 87, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 87, 40);  
box-shadow:4px 4px 4px 4px rgb(154, 87,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1176, 13.8396, 3.7766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 87, 40) }
```

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

```
.background{ background-color: rgb(154, 87,  
40) }
```

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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