

Converting Colors

XYZ(17.4522, 11.4848, 0.9079)

Have a look what the booklet for
XYZ(17.4522, 11.4848, 0.9079)
contains.

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Color

**XYZ(17.6051, 11.5530,
1.3021)**

Conversions

Conversions Part 1

Format	Color
Hex	A73D00
RGB	167, 61, 0
RGB Percent	65%, 24%, 0%
CMY	0.3451, 0.7608, 1.0000
CMYK	0.00, 0.63, 1.00, 0.35
HSL	22°, 100%, 33%
HSV	22°, 100%, 65%
XYZ	17.6051, 11.5530, 1.3021
YIQ	85.7400, 82.7570, 3.5010

Conversions

Conversions Part 2

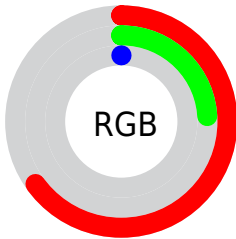
Format	Color
RYB	167, 96, 0
Decimal	10960128
CIELab	40.50, 41.50, 51.67
CIELCh	40, 66.272, 51.233
Yxy	11.5530, 0.5780, 0.3793
Android (android.graphics.Color)	4289150208 (0xFFA73D00)
YUV	85.7400, -42.2698, 71.2650
Hunter-Lab	33.9897, 32.9728, 21.5215

Details

The XYZ color **17.6051, 11.5530, 1.3021** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.1286, 13.0972, 38.4477**, and the grayscale version is **8.8653, 9.3270, 10.1571**.

A 20% lighter version of the original color is **38.8841, 28.7346, 6.9869**, and **6.0851, 3.1692, 0.2910** is the 20% darker color. If you saturate the color by 10%, you get **17.6052, 11.5534, 1.3021**, and if you desaturate by 10%, it is **18.3271, 12.8390, 2.0305**.

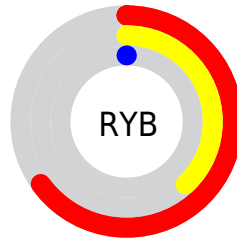
Distribution



Red (65%)

Green (24%)

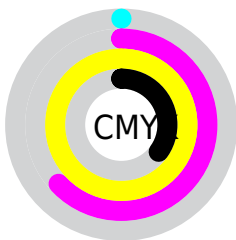
Blue (0%)



Red (65%)

Yellow (38%)

Blue (0%)

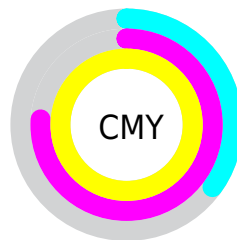


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (35%)



Cyan (35%)


Magenta (76%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6051, 11.5530, 1.3021 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 17.6051, 11.5530, 1.3021 by changing the saturation by 10% instead.


 17.6051, 11.5530,
1.3021


 17.6051, 11.5530,
1.3021


 231.7246,
201.4231, 110.3734


 10.7648, 6.4401,
0.0635


 38.8986, 28.6783,
7.0258


 5.9750, 3.1145,
0.0000


 54.0826, 41.4595,
12.5994


 2.8704, 1.1918,
0.0000

 72.7785, 57.5656,
20.5389

 1.0856, 0.0550,
0.0000

 95.3517, 77.3810,
31.2628

 0.0130, 0.0000,
0.0000


 122.1676,
101.2900, 45.1897


 0.0000, 0.0000,
0.0000


 153.5914,


129.6771, 62.7380


 189.9886,
162.9267, 84.3264


 17.6051, 11.5530,
1.3021


 17.6051, 11.5530,
1.3021


 17.6052, 11.5534,
1.3021

 18.3271, 12.8390,
2.0305

 19.2493, 14.3932,
3.2323

 20.4115, 16.2412,
5.0884

 21.8341, 18.3996,
7.6800

 23.5349, 20.8834,
11.0763

■ 25.5299, 23.7066,
15.3385

■ 27.8338, 26.8822,
20.5216

■ 30.4601, 30.4226,
26.6761

■ 33.4217, 34.3393,
33.8489

Harmonies

Analogous

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



21.6361, 11.5530, 5.3837



17.6051, 11.5530, 1.3021



12.4046, 11.5530, 0.3023

Triad

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



17.6051, 11.5530, 1.3021



4.2900, 11.5530, 9.0578



14.5581, 11.5530, 54.8964

Complementary

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



17.6051, 11.5530, 1.3021



12.1286, 13.0972, 38.4477

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.



9.6703, 11.5530, 58.8407



17.6051, 11.5530, 1.3021



4.5649, 11.5530, 24.3571

Square

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



17.6051, 11.5530, 1.3021



5.3691, 11.5530, 2.3789



6.2695, 11.5530, 45.0951



19.5588, 11.5530, 36.4769

Rectangle

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



17.6051, 11.5530, 1.3021



9.3253, 11.5530, 0.3370



6.2695, 11.5530, 45.0951



12.8214, 11.5530, 58.3057

Sweetspot

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



17.6053, 11.5537, 1.3023



49.6093, 47.8180, 36.2029



18.6724, 9.3100, 15.1544



10.7148, 10.1706, 7.2219



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.6053, 11.5537, 1.3023



31.3499, 20.3312, 2.2720



25.6018, 27.5465, 3.9678



7.7471, 7.9743, 7.9202



13.5151, 8.9275, 1.0109



0.3776, 0.3147, 0.0408

Inverse Universe

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



12.1286, 13.0972, 38.4477



21.5190, 23.0509, 68.7904



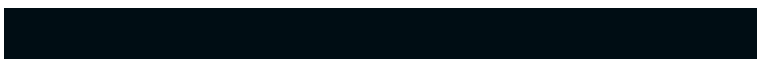
7.3238, 3.4875, 36.8460



7.5137, 8.0643, 9.5789



9.3287, 10.1176, 29.4367



0.2731, 0.3385, 0.7316

Previews

White Background



This preview shows how the XYZ color 17.6051, 11.5530, 1.3021 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



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 17.6051, 11.5530, 1.3021

Background



This preview shows how black text looks on a background with the XYZ color 17.6051, 11.5530, 1.3021.



This preview shows how white text looks on a background with the XYZ color 17.6051, 11.5530,

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

17.6051, 11.5530, 1.3021

Protanopia

10.6825, 11.8411, 2.2528

Deuteranopia

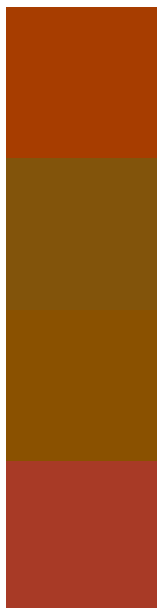
11.8532, 11.7919, 1.6513



Tritanopia

18.4272, 11.5773, 5.5384

Trichromacy



Original Color

17.6051, 11.5530, 1.3021

Protanomaly

12.4366, 11.1106, 1.8057

Deuteranomaly

13.4237, 11.2881, 1.4713

Tritanomaly

18.0114, 11.4909, 3.1024

Monochromacy



Original Color

17.6051, 11.5530, 1.3021

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

10.4137, 9.2284, 4.8468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6051, 11.5530, 1.3021 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(167, 61, 0)` looks like.

```
.text, #text, p{  
    color:rgb(167, 61, 0)  
}
```

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(167, 61, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 61, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.6051, 11.5530, 1.3021 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(167, 61, 0) }
```


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

```
.border{ border-color:rgb(167, 61, 0) }
```

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

Here you see how a box with a 4 pixel rgb(167, 61, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 61, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 61, 0);  
box-shadow:4px 4px 4px 4px rgb(167, 61, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.6051, 11.5530, 1.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 61, 0) }
```

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

```
.background{ background-color: rgb(167, 61,  
0) }
```

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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