

Converting Colors

XYZ(17.3495, 11.6658, 1.3373)

Have a look what the booklet for
XYZ(17.3495, 11.6658, 1.3373)
contains.

XYZ(17.3504, 11.6661, 1.3373)	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(17.3504, 11.6661,
1.3373)**

Conversions

Conversions Part 1

Format	Color
Hex	A54000
RGB	165, 64, 0
RGB Percent	65%, 25%, 0%
CMY	0.3529, 0.7490, 1.0000
CMYK	0.00, 0.61, 1.00, 0.35
HSL	23°, 100%, 32%
HSV	23°, 100%, 65%
XYZ	17.3504, 11.6661, 1.3373
YIQ	86.9030, 80.7400, 1.5080

Conversions

Conversions Part 2

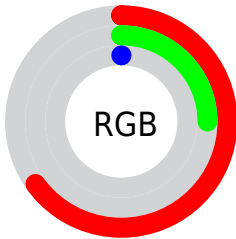
Format	Color
RYB	165, 105, 0
Decimal	10829824
CIELab	40.68, 39.32, 51.58
CIELCh	41, 64.860, 52.679
Yxy	11.6661, 0.5716, 0.3843
Android (android.graphics.Color)	4289019904 (0xFFA54000)
YUV	86.9030, -42.8432, 68.4911
Hunter-Lab	34.1557, 30.9020, 21.5876

Details

The XYZ color **17.3504, 11.6661, 1.3373** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.4446, 12.0229, 37.3144**, and the grayscale version is **9.1158, 9.5906, 10.4441**.

A 20% lighter version of the original color is **38.4989, 28.8682, 7.1574**, and **5.9234, 3.1986, 0.3052** is the 20% darker color. If you saturate the color by 10%, you get **17.3506, 11.6666, 1.3374**, and if you desaturate by 10%, it is **18.0701, 12.9499, 2.0573**.

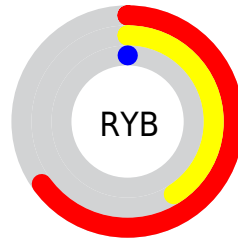
Distribution



Red (65%)

Green (25%)

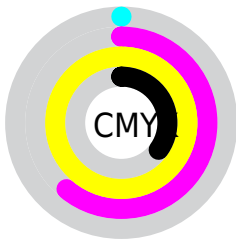
Blue (0%)



Red (65%)

Yellow (41%)

Blue (0%)

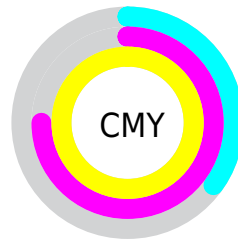


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (35%)



Cyan (35%)


Magenta (75%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 17.3504, 11.6661, 1.3373 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 17.3504, 11.6661, 1.3373 by changing the saturation by 10% instead.


 17.3504, 11.6661,
1.3373


 17.3504, 11.6661,
1.3373


 230.3007,
202.1821, 111.0480


 10.5815, 6.5167,
0.0921


 38.4661, 28.8855,
7.1337


 5.8514, 3.1618,
0.0000

 53.5436, 41.7243,
12.7585


 2.7947, 1.2168,
0.0000

 72.1213, 57.8951,
20.7591

 1.0462, 0.0753,
0.0000


 94.5646, 77.7822,
31.5541


 0.0000, 0.0000,
0.0000


 121.2388,
101.7701, 45.5619


 152.5093,


130.2431, 63.2011


 188.7415,
163.5856, 84.8903


 17.3504, 11.6661,
1.3373


 17.3504, 11.6661,
1.3373


 17.3506, 11.6666,
1.3374

 18.0701, 12.9499,
2.0573

 18.9777, 14.4816,
3.2340

 20.1118, 16.2850,
5.0449

 21.4914, 18.3748,
7.5685

 23.1333, 20.7646,
10.8718

■ 25.0525, 23.4670,
15.0139

■ 27.2628, 26.4936,
20.0482

■ 29.7769, 29.8554,
26.0235

■ 32.6068, 33.5630,
32.9852

Harmonies

Analogous

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



21.3955, 11.6661, 5.2332



17.3504, 11.6661, 1.3373



12.2521, 11.6661, 0.4060

Triad

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



17.3504, 11.6661, 1.3373



4.4331, 11.6661, 9.7445



14.8538, 11.6661, 53.2464

Complementary

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



17.3504, 11.6661, 1.3373



11.4446, 12.0229, 37.3144

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.



10.0006, 11.6661, 57.9254



17.3504, 11.6661, 1.3373



4.7729, 11.6661, 25.1627

Square

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



17.3504, 11.6661, 1.3373



5.4436, 11.6661, 2.7111



6.5497, 11.6661, 45.2998



19.6984, 11.6661, 35.0339

Rectangle

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



17.3504, 11.6661, 1.3373



9.2606, 11.6661, 0.4796



6.5497, 11.6661, 45.2998



13.1418, 11.6661, 56.8035

Sweetspot

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



17.3507, 11.6668, 1.3375



48.5943, 47.1346, 35.3655



17.9028, 8.9536, 13.2902



10.2672, 9.8194, 6.9105



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.3507, 11.6668, 1.3375



30.8902, 20.5267, 2.3340



25.7572, 28.4799, 4.1397



7.2886, 7.5155, 7.4466



13.1716, 8.9172, 1.0270



0.3218, 0.2775, 0.0366

Inverse Universe

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



11.4446, 12.0229, 37.3144



20.2941, 21.1272, 66.7607



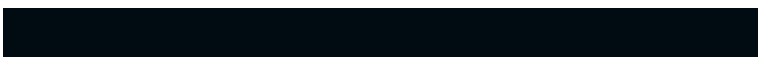
7.0286, 3.1909, 35.8424



7.0443, 7.5476, 8.9886



8.7075, 9.1944, 28.2455



0.2268, 0.2808, 0.6081

Previews

White Background



This preview shows how the XYZ color 17.3504, 11.6661, 1.3373 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 17.3504, 11.6661, 1.3373 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 17.3504, 11.6661, 1.3373

Background



This preview shows how black text looks on a background with the XYZ color 17.3504, 11.6661, 1.3373.



This preview shows how white text looks on a background with the XYZ color 17.3504, 11.6661,

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

17.3504, 11.6661, 1.3373

Protanopia

10.6749, 11.8380, 2.2125

Deuteranopia

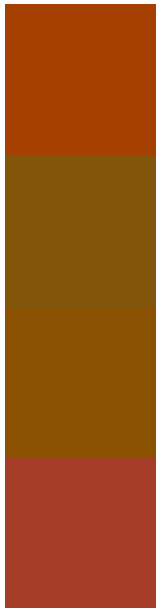
11.8532, 11.7919, 1.6513



Tritanopia

18.2389, 11.6976, 5.9992

Trichromacy



Original Color

17.3504, 11.6661, 1.3373

Protanomaly

12.3565, 11.1860, 1.7950

Deuteranomaly

13.4985, 11.4379, 1.4963

Tritanomaly

17.7776, 11.5977, 3.3091

Monochromacy



Original Color

17.3504, 11.6661, 1.3373

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

10.5558, 9.5126, 4.8942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3504, 11.6661, 1.3373 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(165, 64, 0)` looks like.

```
.text, #text, p{  
    color:rgb(165, 64, 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(165, 64, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 64, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.3504, 11.6661, 1.3373 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(165, 64, 0) }
```


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

```
.border{ border-color:rgb(165, 64, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 64, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 64, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 64, 0);  
box-shadow:4px 4px 4px 4px rgb(165, 64, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.3504, 11.6661, 1.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 64, 0) }
```

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

```
.background{ background-color: rgb(165, 64,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor