

Converting Colors

XYZ(17.2397, 11.4446, 1.3004)

Have a look what the booklet for
XYZ(17.2397, 11.4446, 1.3004)
contains.

XYZ(17.2397, 11.4446, 1.3004)	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(17.2397, 11.4446,
1.3004)**

Conversions

Conversions Part 1

Format	Color
Hex	A53E00
RGB	165, 62, 0
RGB Percent	65%, 24%, 0%
CMY	0.3529, 0.7568, 1.0000
CMYK	0.00, 0.62, 1.00, 0.35
HSL	23°, 100%, 32%
HSV	23°, 100%, 65%
XYZ	17.2397, 11.4446, 1.3004
YIQ	85.7290, 81.2900, 2.5540

Conversions

Conversions Part 2

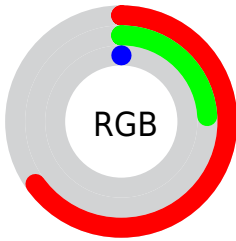
Format	Color
R_{YB}	165, 99, 0
Decimal	10829312
CIE _{Lab}	40.32, 40.27, 51.39
CIE _{LCh}	40, 65.289, 51.912
Yxy	11.4446, 0.5749, 0.3817
Android (android.graphics.Color)	4289019392 (0xFFA53E00)
YUV	85.7290, -42.2644, 69.5207
Hunter-Lab	33.8299, 31.7613, 21.4018

Details

The XYZ color **17.2397, 11.4446, 1.3004** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.6413, 12.4162, 37.3801**, and the grayscale version is **8.8631, 9.3247, 10.1546**.

A 20% lighter version of the original color is **38.2495, 28.4075, 6.9572**, and **5.8800, 3.1118, 0.2907** is the 20% darker color. If you saturate the color by 10%, you get **17.2398, 11.4451, 1.3005**, and if you desaturate by 10%, it is **17.9515, 12.7126, 2.0178**.

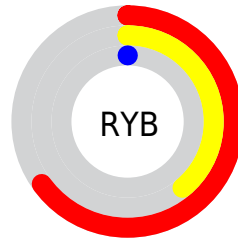
Distribution



Red (65%)

Green (24%)

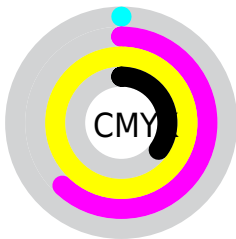
Blue (0%)



Red (65%)

Yellow (39%)

Blue (0%)

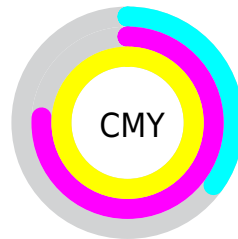


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (35%)



Cyan (35%)


Magenta (76%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 17.2397, 11.4446, 1.3004 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 17.2397, 11.4446, 1.3004 by changing the saturation by 10% instead.


 17.2397, 11.4446,
1.3004


 17.2397, 11.4446,
1.3004


 229.6793,
200.6929, 110.3406


 10.5019, 6.3667,
0.0621


 38.2778, 28.4794,
7.0206


 5.7978, 3.0693,
0.0000

 53.3088, 41.2052,
12.5917

 2.7620, 1.1680,
0.0000

 71.8348, 57.2490,
20.5282

 1.0292, 0.0354,
0.0000

 94.2214, 76.9952,
31.2487


 0.0000, 0.0000,
0.0000


 120.8338,
100.8284, 45.1716


 152.0373,


129.1328, 62.7155


 188.1974,
162.2928, 84.2990


 17.2397, 11.4446,
1.3004


 17.2397, 11.4446,
1.3004


 17.2398, 11.4451,
1.3005

 17.9515, 12.7126,
2.0178

 18.8547, 14.2354,
3.1930

 19.9880, 16.0373,
5.0037

 21.3710, 18.1339,
7.5284

 23.0206, 20.5392,
10.8343

■ 24.9522, 23.2662,
14.9806

■ 27.1797, 26.3273,
20.0207

■ 29.7162, 29.7338,
26.0035

■ 32.5738, 33.4968,
32.9745

Harmonies

Analogous

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



21.2211, 11.4446, 5.2378



17.2397, 11.4446, 1.3004



12.1599, 11.4446, 0.3410

Triad

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



17.2397, 11.4446, 1.3004



4.2968, 11.4446, 9.2488



14.4928, 11.4446, 53.3525

Complementary

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



17.2397, 11.4446, 1.3004



11.6413, 12.4162, 37.3801

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.



9.6891, 11.4446, 57.5886



17.2397, 11.4446, 1.3004



4.5979, 11.4446, 24.3919

Square

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



17.2397, 11.4446, 1.3004



5.3290, 11.4446, 2.4978



6.3122, 11.4446, 44.5606



19.3509, 11.4446, 35.2869

Rectangle

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



17.2397, 11.4446, 1.3004



9.1649, 11.4446, 0.3939



6.3122, 11.4446, 44.5606



12.7918, 11.4446, 56.7843

Sweetspot

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



17.2399, 11.4453, 1.3006



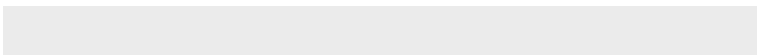
48.4433, 46.8325, 35.3152



18.0412, 9.0090, 14.0185



10.2313, 9.7476, 6.8985



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.



17.2399, 11.4453, 1.3006



30.6949, 20.1362, 2.2689



25.3394, 27.6442, 4.0004



7.2817, 7.5018, 7.4443



13.0871, 8.7481, 0.9988



0.3195, 0.2728, 0.0358

Inverse Universe

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



11.6413, 12.4162, 37.3801



20.6477, 21.8342, 66.8785



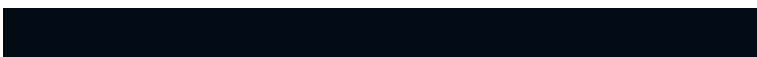
7.0785, 3.2905, 35.8591



7.0514, 7.5617, 8.9910



8.8558, 9.4911, 28.2950



0.2293, 0.2858, 0.6089

Previews

White Background



This preview shows how the XYZ color 17.2397, 11.4446, 1.3004 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 17.2397, 11.4446, 1.3004

Background



This preview shows how black text looks on a background with the XYZ color 17.2397, 11.4446, 1.3004.



This preview shows how white text looks on a background with the XYZ color 17.2397, 11.4446,

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

17.2397, 11.4446, 1.3004

Protanopia

10.4684, 11.5944, 2.2165

Deuteranopia

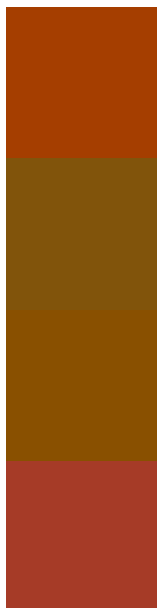
11.6262, 11.5471, 1.6160



Tritanopia

18.0812, 11.4700, 5.6758

Trichromacy



Original Color

17.2397, 11.4446, 1.3004

Protanomaly

12.2840, 11.0319, 1.7985

Deuteranomaly

13.1852, 11.0557, 1.4390

Tritanomaly

17.6561, 11.3814, 3.1857

Monochromacy



Original Color

17.2397, 11.4446, 1.3004

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 17.2397, 11.4446, 1.3004 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, 62, 0)` looks like.

```
.text, #text, p{  
    color:rgb(165, 62, 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, 62, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 62, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.2397, 11.4446, 1.3004 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, 62, 0) }
```


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

```
.border{ border-color:rgb(165, 62, 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, 62, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 62, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 62, 0);  
box-shadow:4px 4px 4px 4px rgb(165, 62, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.2397, 11.4446, 1.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 62, 0) }
```

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

```
.background{ background-color: rgb(165, 62,  
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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