

Converting Colors

XYZ(17.2297, 15.2883, 3.2775)

Have a look what the booklet for
XYZ(17.2297, 15.2883, 3.2775)
contains.

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Color

**XYZ(17.1797, 15.3131,
3.2786)**

Conversions

Conversions Part 1

Format	Color
Hex	96621E
RGB	150, 98, 30
RGB Percent	59%, 38%, 12%
CMY	0.4118, 0.6157, 0.8823
CMYK	0.00, 0.35, 0.80, 0.41
HSL	34°, 67%, 35%
HSV	34°, 80%, 59%
XYZ	17.1797, 15.3131, 3.2786
YIQ	105.7960, 52.8200, -10.1240

Conversions

Conversions Part 2

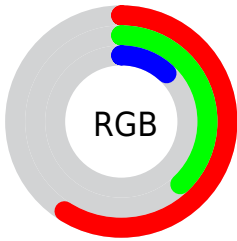
Format	Color
R_{YB}	122, 150, 30
Decimal	9855518
CIE _{Lab}	46.06, 15.20, 44.78
CIE _{LCh}	46, 47.289, 71.248
Yxy	15.3131, 0.4803, 0.4281
Android (android.graphics.Color)	4288045598 (0xFF96621E)
YUV	105.7960, -37.3674, 38.7669
Hunter-Lab	39.1320, 9.8841, 22.4249

Details

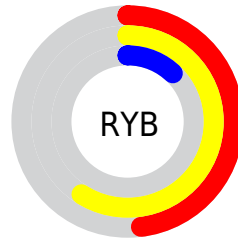
The XYZ color **17.1797, 15.3131, 3.2786** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.0577, 8.5124, 30.0196**, and the grayscale version is **13.7330, 14.4482, 15.7341**.

A 20% lighter version of the original color is **38.1712, 35.4693, 12.2316**, and **5.9031, 4.8005, 0.6155** is the 20% darker color. If you saturate the color by 10%, you get **16.4482, 14.0872, 2.3042**, and if you desaturate by 10%, it is **18.0525, 16.6758, 4.7502**.

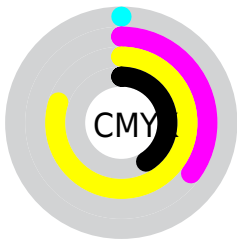
Distribution



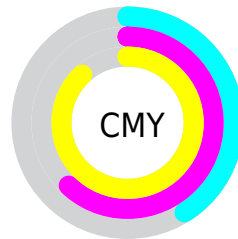
- Red (59%)
- Green (38%)
- Blue (12%)



- Red (48%)
- Yellow (59%)
- Blue (12%)



- Cyan (0%)
- Magenta (35%)
- Yellow (80%)
- Black (41%)



- Cyan (41%)
- Magenta (62%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1797, 15.3131, 3.2786 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 17.1797, 15.3131, 3.2786 by changing the saturation by 10% instead.

■ 17.1797, 15.3131,
3.2786

■ 17.1797, 15.3131,
3.2786

229.3419,
225.2536, 139.8335

■ 10.4588, 9.0394,
1.2386

■ 38.1756, 35.4015,
12.3085

■ 5.7688, 4.7669,
0.0107

■ 53.1814, 49.9851,
20.1355

■ 2.7443, 2.1112,
0.0000

■ 71.6794, 68.1073,
30.7285

■ 1.0200, 0.6709,
0.0000

■ 94.0351, 90.1527,
44.5061

■ 0.0000, 0.0000,
0.0000

■ 120.6139,
116.5057, 61.8869

■ 151.7810,

147.5505, 83.2894

187.9019,
183.6717, 109.1321

17.1797, 15.3131,
3.2786

17.1797, 15.3131,
3.2786

16.4482, 14.0872,
2.3042

18.0525, 16.6758,
4.7502

15.8265, 12.9818,
1.6717

19.0781, 18.1799,
6.7789

15.8264, 12.9816,
1.6715

20.2677, 19.8321,
9.4169

21.6311, 21.6382,
12.7100

23.1771, 23.6031,
16.6996

■ 24.9138, 25.7319,
21.4238

■ 26.8488, 28.0291,
26.9177

■ 28.9893, 30.4991,
33.2143

■ 31.3420, 33.1460,
40.3445

Harmonies

Analogous

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



21.1637, 15.3131, 5.9326



17.1797, 15.3131, 3.2786



13.1003, 15.3131, 3.0319

Triad

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



17.1797, 15.3131, 3.2786



8.2208, 15.3131, 21.3679



20.2602, 15.3131, 39.4289

Complementary

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



17.1797, 15.3131, 3.2786



9.0577, 8.5124, 30.0196

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.



16.1128, 15.3131, 49.1113



17.1797, 15.3131, 3.2786



9.4883, 15.3131, 35.9083

Square

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



17.1797, 15.3131, 3.2786



8.4007, 15.3131, 10.5287



12.2116, 15.3131, 47.5888



23.1557, 15.3131, 24.8373

Rectangle

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



17.1797, 15.3131, 3.2786



10.9064, 15.3131, 4.0155



12.2116, 15.3131, 47.5888



18.9373, 15.3131, 43.6129

Sweetspot

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



17.1800, 15.3139, 3.2789



42.5537, 43.6940, 33.9134



14.5650, 8.0219, 8.7637



9.2138, 9.4166, 6.9295



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.1800, 15.3139, 3.2789



28.1650, 23.3112, 3.2377



22.2959, 27.6571, 5.3917



6.0571, 6.3280, 6.1426



13.1584, 10.8313, 1.3971



0.1904, 0.1913, 0.0269

Inverse Universe

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



9.0577, 8.5124, 30.0196



13.3322, 10.9761, 52.3372



6.7688, 3.5428, 29.1810



5.6938, 6.0216, 7.3319



6.1642, 5.0232, 24.5757



0.1039, 0.1183, 0.3103

Previews

White Background



This preview shows how the XYZ color 17.1797, 15.3131, 3.2786 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 17.1797, 15.3131, 3.2786 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 17.1797, 15.3131, 3.2786

Background



This preview shows how black text looks on a background with the XYZ color 17.1797, 15.3131, 3.2786.



This preview shows how white text looks on a background with the XYZ color 17.1797, 15.3131,

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

17.1797, 15.3131, 3.2786

Protanopia

14.0188, 15.4726, 3.6865

Deuteranopia

15.6294, 15.3830, 3.1824



Tritanopia

19.3582, 15.4062, 13.5087

Trichromacy



Original Color

17.1797, 15.3131, 3.2786

Protanomaly

15.0876, 15.3989, 3.5436

Deuteranomaly

16.1163, 15.3374, 3.2096

Tritanomaly

18.3422, 15.2588, 8.2818

Monochromacy



Original Color

17.1797, 15.3131, 3.2786

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.2514, 14.3881, 9.2338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1797, 15.3131, 3.2786 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(150, 98, 30)` looks like.

```
.text, #text, p{  
    color:rgb(150, 98, 30)  
}
```

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(150, 98, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 98, 30) }
```

Border

The CSS property to change the border of an element to XYZ 17.1797, 15.3131, 3.2786 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(150, 98, 30) }
```


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

```
.border{ border-color:rgb(150, 98, 30) }
```

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

Here you see how a box with a 4 pixel rgb(150, 98, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 98, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 98, 30);  
box-shadow:4px 4px 4px 4px rgb(150, 98,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1797, 15.3131, 3.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 98, 30) }
```

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

```
.background{ background-color: rgb(150, 98,  
30) }
```

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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