

Converting Colors

XYZ(17.7781, 15.2492, 6.9610)

Have a look what the booklet for
XYZ(17.7781, 15.2492, 6.9610)
contains.

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Color

**XYZ(17.7147, 15.2314,
7.0073)**

Conversions

Conversions Part 1

Format	Color
Hex	966041
RGB	150, 96, 65
RGB Percent	59%, 38%, 25%
CMY	0.4118, 0.6235, 0.7451
CMYK	0.00, 0.36, 0.57, 0.41
HSL	22°, 40%, 42%
HSV	22°, 57%, 59%
XYZ	17.7147, 15.2314, 7.0073
YIQ	108.6120, 42.1350, 1.8070

Conversions

Conversions Part 2

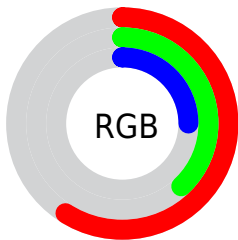
Format	Color
R_{YB}	150, 114, 65
Decimal	9855041
CIE _{Lab}	45.95, 18.58, 26.66
CIE _{LCh}	46, 32.499, 55.124
Yxy	15.2314, 0.4434, 0.3812
Android (android.graphics.Color)	4288045121 (0xFF966041)
YUV	108.6120, -21.5007, 36.2973
Hunter-Lab	39.0274, 12.7238, 16.6738

Details

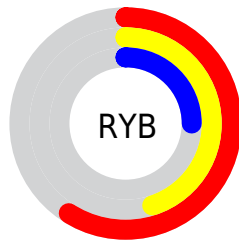
The XYZ color **17.7147, 15.2314, 7.0073** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **14.2815, 16.5188, 31.2899**, and the grayscale version is **14.4768, 15.2308, 16.5863**.

A 20% lighter version of the original color is **39.1465, 35.3251, 20.3780**, and **6.0575, 4.7376, 1.3046** is the 20% darker color. If you saturate the color by 10%, you get **16.5193, 13.4460, 4.7424**, and if you desaturate by 10%, it is **19.1317, 17.2753, 9.9157**.

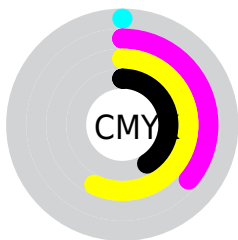
Distribution



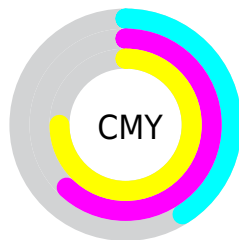
- Red (59%)
- Green (38%)
- Blue (25%)



- Red (59%)
- Yellow (45%)
- Blue (25%)



- Cyan (0%)
- Magenta (36%)
- Yellow (57%)
- Black (41%)



- Cyan (41%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7147, 15.2314, 7.0073 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 17.7147, 15.2314, 7.0073 by changing the saturation by 10% instead.

■ 17.7147, 15.2314,
7.0073

■ 17.7147, 15.2314,
7.0073

232.3348,
224.7626, 177.3576

■ 10.8438, 8.9819,
3.3881

■ 39.0845, 35.2586,
20.5010

■ 6.0284, 4.7294,
1.2961

■ 54.3141, 49.8052,
31.2127

■ 2.9032, 2.0894,
0.0586

■ 73.0606, 67.8862,
45.1255

■ 1.1028, 0.6586,
0.0000

■ 95.6894, 89.8861,
62.6582

■ 0.0274, 0.0000,
0.0000

■ 122.5659,
116.1893, 84.2292

■ 0.0000, 0.0000,
0.0000

■ 154.0554,

147.1802, 110.2571

190.5232,
183.2432, 141.1604

■ 17.7147, 15.2314,
7.0073

■ 17.7147, 15.2314,
7.0073

■ 16.5193, 13.4460,
4.7424

■ 19.1317, 17.2753,
9.9157

■ 15.5312, 11.9056,
3.0696

■ 20.7810, 19.5858,
13.5119

■ 14.7360, 10.5987,
1.9309

■ 22.6741, 22.1736,
17.8370

■ 14.1125, 9.5099,
1.2354

■ 24.8210, 25.0479,
22.9289

■ 13.9302, 9.1891,
1.0395

■ 27.2314, 28.2176,
28.8226

■ 29.9143, 31.6910,
35.5511

■ 32.8784, 35.4763,
43.1454

■ 36.1319, 39.5812,
51.6350

■ 39.6826, 44.0132,
61.0480

Harmonies

Analogous

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



19.8095, 15.2314, 10.9517



17.7147, 15.2314, 7.0073



14.9310, 15.2314, 5.6116

Triad

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



17.7147, 15.2314, 7.0073



9.8231, 15.2314, 15.3305



16.8392, 15.2314, 34.4130

Complementary

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



17.7147, 15.2314, 7.0073



14.2815, 16.5188, 31.2899

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.



14.0323, 15.2314, 36.7027



17.7147, 15.2314, 7.0073



10.1992, 15.2314, 23.8777

Square

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



17.7147, 15.2314, 7.0073



10.5591, 15.2314, 9.3469



11.6600, 15.2314, 32.3616



19.2608, 15.2314, 26.8339

Rectangle

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



17.7147, 15.2314, 7.0073



13.1412, 15.2314, 5.8427



11.6600, 15.2314, 32.3616



15.9003, 15.2314, 35.9111

Sweetspot

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



17.7151, 15.2322, 7.0076



43.5358, 43.8486, 39.8198



17.8734, 11.6269, 19.1512



9.4933, 9.5115, 8.4534



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.



17.7151, 15.2322, 7.0076



28.6517, 22.9608, 7.4815



22.5131, 24.8282, 8.6069



5.9637, 6.1411, 6.1115



11.5819, 7.6783, 0.8716



0.1681, 0.1466, 0.0194

Inverse Universe

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



14.2815, 16.5188, 31.2899



21.9404, 25.3860, 54.6649



10.3918, 8.7393, 29.9933



5.7880, 6.2101, 7.3633



8.0125, 8.7198, 25.1918



0.1262, 0.1630, 0.3177

Previews

White Background



This preview shows how the XYZ color 17.7147, 15.2314, 7.0073 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 17.7147, 15.2314, 7.0073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

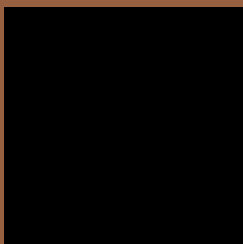
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.7147, 15.2314, 7.0073

Background



This preview shows how black text looks on a background with the XYZ color 17.7147, 15.2314, 7.0073.



This preview shows how white text looks on a background with the XYZ color 17.7147, 15.2314,

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

17.7147, 15.2314, 7.0073

Protanopia

14.1819, 15.3014, 8.0004

Deuteranopia

15.5204, 15.2461, 6.8274



Tritanopia

19.0282, 15.2305, 13.7413

Trichromacy



Original Color

17.7147, 15.2314, 7.0073

Protanomaly

15.1996, 15.0638, 7.5753

Deuteranomaly

16.2266, 15.1665, 6.9227

Tritanomaly

18.3971, 15.0961, 10.9610

Monochromacy



Original Color

17.7147, 15.2314, 7.0073

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.2383, 14.9760, 12.4434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7147, 15.2314, 7.0073 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, 96, 65)` looks like.

```
.text, #text, p{  
    color:rgb(150, 96, 65)  
}
```

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, 96, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 96, 65) }
```

Border

The CSS property to change the border of an element to XYZ 17.7147, 15.2314, 7.0073 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, 96, 65) }
```


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

```
.border{ border-color:rgb(150, 96, 65) }
```

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

Here you see how a box with a 4 pixel rgb(150, 96, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 96, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 96, 65);  
box-shadow:4px 4px 4px 4px rgb(150, 96,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7147, 15.2314, 7.0073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 96, 65) }
```

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

```
.background{ background-color: rgb(150, 96,  
65) }
```

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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