

Converting Colors

XYZ(17.9079, 18.9006, 4.3273)

Have a look what the booklet for
XYZ(17.9079, 18.9006, 4.3273)
contains.

XYZ(17.8847, 18.9777, 4.3105)	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(17.8847, 18.9777,
4.3105)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7723
RGB	141, 119, 35
RGB Percent	55%, 47%, 14%
CMY	0.4471, 0.5333, 0.8627
CMYK	0.00, 0.16, 0.75, 0.45
HSL	48°, 60%, 35%
HSV	48°, 75%, 55%
XYZ	17.8847, 18.9777, 4.3105
YIQ	116.0020, 40.0760, -21.4600

Conversions

Conversions Part 2

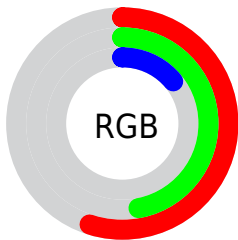
Format	Color
R _Y B	63, 141, 35
Decimal	9271075
CIE Lab	50.66, -0.81, 46.77
CIE LCh	51, 46.776, 90.998
Yxy	18.9777, 0.4344, 0.4609
Android (android.graphics.Color)	4287461155 (0xFF8D7723)
YUV	116.0020, -39.9340, 21.9232
Hunter-Lab	43.5634, -2.9538, 24.6278

Details

The XYZ color **17.8847, 18.9777, 4.3105** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **6.9639, 5.2065, 25.8371**, and the grayscale version is **16.7115, 17.5818, 19.1466**.

A 20% lighter version of the original color is **39.5313, 41.8035, 14.7895**, and **6.1837, 6.5327, 0.9350** is the 20% darker color. If you saturate the color by 10%, you get **17.3733, 18.2252, 3.3069**, and if you desaturate by 10%, it is **18.4919, 19.7871, 5.7617**.

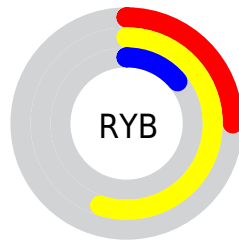
Distribution



Red (55%)

Green (47%)

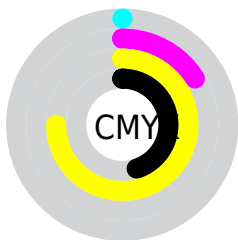
Blue (14%)



Red (25%)

Yellow (55%)

Blue (14%)

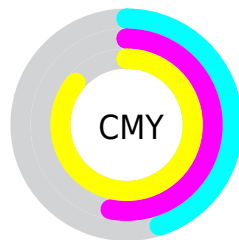


Cyan (0%)

Magenta (16%)

Yellow (75%)

Black (45%)



Cyan (45%)

Magenta (53%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8847, 18.9777, 4.3105 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 17.8847, 18.9777, 4.3105 by changing the saturation by 10% instead.

■ 17.8847, 18.9777,
4.3105

■ 17.8847, 18.9777,
4.3105

233.2785,
246.3256, 151.6165

■ 10.9664, 11.6542,
1.7972

■ 39.3724, 41.6964,
14.7198

■ 6.1114, 6.5087,
0.4261

■ 54.6725, 57.8604,
23.4528

■ 2.9542, 3.1568,
0.0000

■ 73.4973, 77.7400,
35.0961

■ 1.1296, 1.2141,
0.0000

■ 96.2121, 101.7195,
50.0683

■ 0.0497, 0.0732,
0.0000

■ 123.1822,
130.1835, 68.7879

■ 0.0000, 0.0000,
0.0000

■ 154.7731,

163.5162, 91.6734

191.3501,
202.1021, 119.1434

■ 17.8847, 18.9777,
4.3105

■ 17.8847, 18.9777,
4.3105

■ 17.3733, 18.2252,
3.3069

■ 18.4919, 19.7871,
5.7617

■ 16.9438, 17.5218,
2.6843

■ 19.2027, 20.6546,
7.7069

■ 16.7500, 17.1938,
2.4359

■ 20.0254, 21.5842,
10.1880

■ 20.9672, 22.5791,
13.2418

■ 22.0347, 23.6420,
16.9023

■ 23.2337, 24.7754,
21.2005

■ 24.5698, 25.9817,
26.1655

■ 26.0484, 27.2632,
31.8243

■ 27.6743, 28.6218,
38.2027

Harmonies

Analogous

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



22.6548, 18.9777, 5.5202



17.8847, 18.9777, 4.3105



13.8706, 18.9777, 5.7045

Triad

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



17.8847, 18.9777, 4.3105



11.4912, 18.9777, 36.5707



26.8915, 18.9777, 35.4681

Complementary

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



17.8847, 18.9777, 4.3105



6.9639, 5.2065, 25.8371

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.



22.9657, 18.9777, 50.7117



17.8847, 18.9777, 4.3105



14.0949, 18.9777, 51.5156

Square

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



17.8847, 18.9777, 4.3105



10.5856, 18.9777, 21.1061



18.1916, 18.9777, 57.5465



28.3573, 18.9777, 20.2271

Rectangle

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



17.8847, 18.9777, 4.3105



12.0213, 18.9777, 8.5052



18.1916, 18.9777, 57.5465



25.7864, 18.9777, 40.9557

Sweetspot

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



17.8851, 18.9786, 4.3109



39.8052, 42.6718, 31.4832



12.3485, 7.1701, 4.7319



8.7450, 9.3898, 6.5206



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.8851, 18.9786, 4.3109



30.5803, 31.7792, 5.1101



16.3796, 22.5484, 5.0793



5.7459, 6.0980, 5.7636



15.2844, 15.7006, 2.2249



0.1616, 0.1810, 0.0264

Inverse Universe

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



6.9639, 5.2065, 25.8371



10.1233, 6.0904, 45.7699



7.5911, 4.2503, 25.6195



5.2147, 5.4251, 6.8011



4.8001, 2.5862, 23.2233



0.0591, 0.0512, 0.2264

Previews

White Background



This preview shows how the XYZ color 17.8847, 18.9777, 4.3105 looks on a white background.

Color Contrast Check

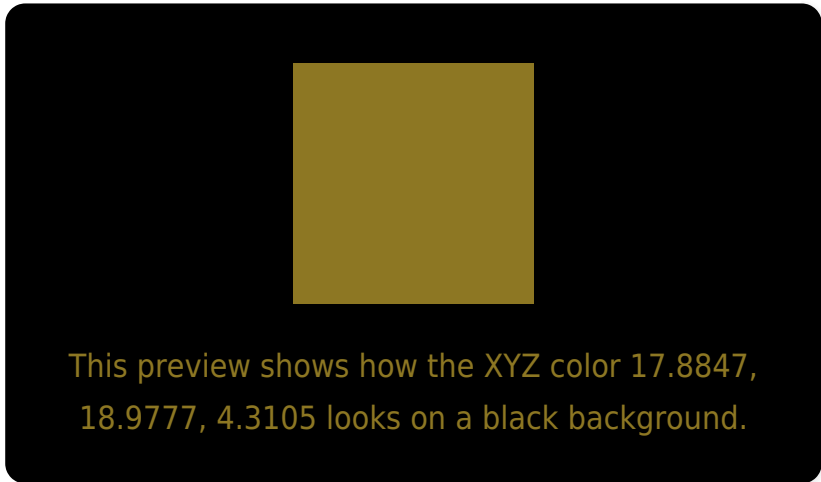
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

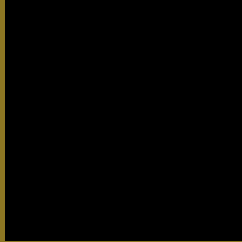
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.8847, 18.9777, 4.3105

Background



This preview shows how black text looks on a background with the XYZ color 17.8847, 18.9777, 4.3105.



This preview shows how white text looks on a background with the XYZ color 17.8847, 18.9777,

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

17.8847, 18.9777, 4.3105

Protanopia

17.1475, 18.9530, 4.4236

Deuteranopia

19.2272, 18.9743, 4.3993



Tritanopia

21.1072, 18.9280, 20.3103

Trichromacy



Original Color

17.8847, 18.9777, 4.3105

Protanomaly

17.3514, 18.8787, 4.3985

Deuteranomaly

18.5965, 18.8212, 4.3218

Tritanomaly

19.4975, 18.7756, 12.0476

Monochromacy



Original Color

17.8847, 18.9777, 4.3105

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.5390, 17.7707, 11.5752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8847, 18.9777, 4.3105 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(141, 119, 35)` looks like.

```
.text, #text, p{  
    color:rgb(141, 119, 35)  
}
```

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(141, 119, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 119, 35) }
```

Border

The CSS property to change the border of an element to XYZ 17.8847, 18.9777, 4.3105 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(141, 119, 35) }
```


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

```
.border{ border-color:rgb(141, 119, 35) }
```

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

Here you see how a box with a 4 pixel rgb(141, 119, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 119, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 119, 35);  
box-shadow:4px 4px 4px 4px rgb(141, 119,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8847, 18.9777, 4.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 119, 35) }
```

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

```
.background{ background-color: rgb(141,  
119, 35) }
```

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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