

Converting Colors

XYZ(18.0092, 15.6506, 2.5449)

Have a look what the booklet for
XYZ(18.0092, 15.6506, 2.5449)
contains.

XYZ(18.0785, 15.6547, 2.5590)	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(18.0785, 15.6547,
2.5590)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6110
RGB	156, 97, 16
RGB Percent	61%, 38%, 6%
CMY	0.3882, 0.6196, 0.9372
CMYK	0.00, 0.38, 0.90, 0.39
HSL	35°, 81%, 34%
HSV	35°, 90%, 61%
XYZ	18.0785, 15.6547, 2.5590
YIQ	105.4070, 61.1650, -12.6830

Conversions

Conversions Part 2

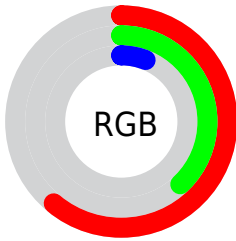
Format	Color
R_{YB}	118, 156, 16
Decimal	10248464
CIE Lab	46.52, 18.07, 50.50
CIE LCh	47, 53.638, 70.308
Yxy	15.6547, 0.4981, 0.4314
Android (android.graphics.Color)	4288438544 (0xFF9C6110)
YUV	105.4070, -44.0777, 44.3701
Hunter-Lab	39.5660, 12.3197, 23.8615

Details

The XYZ color **18.0785, 15.6547, 2.5590** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **8.7304, 7.5423, 32.4479**, and the grayscale version is **13.6427, 14.3532, 15.6307**.

A 20% lighter version of the original color is **39.6884, 36.0566, 10.4980**, and **6.2862, 4.9339, 0.6210** is the 20% darker color. If you saturate the color by 10%, you get **17.4050, 14.4539, 1.8841**, and if you desaturate by 10%, it is **18.8735, 16.9860, 3.6223**.

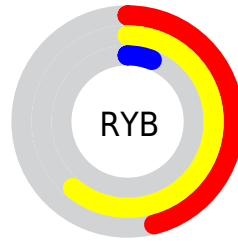
Distribution



Red (61%)

Green (38%)

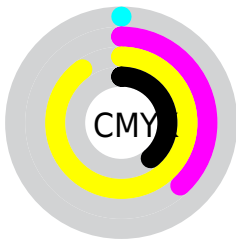
Blue (6%)



Red (46%)

Yellow (61%)

Blue (6%)

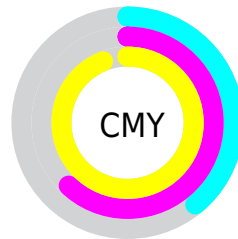


Cyan (0%)

Magenta (38%)

Yellow (90%)

Black (39%)



Cyan (39%)

Magenta (62%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0785, 15.6547, 2.5590 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 18.0785, 15.6547, 2.5590 by changing the saturation by 10% instead.

■ 18.0785, 15.6547,
2.5590

■ 18.0785, 15.6547,
2.5590

234.3502,
227.2955, 130.5289

■ 11.1064, 9.2801,
0.8712

■ 39.7001, 35.9977,
10.5193

■ 6.2063, 4.9244,
0.0000

■ 55.0803, 50.7349,
17.6319

■ 3.0128, 2.2029,
0.0000

■ 73.9938, 69.0285,
27.3908

■ 1.1605, 0.7216,
0.0000

■ 96.8062, 91.2628,
40.2145

■ 0.0748, 0.0000,
0.0000

■ 123.8826,
117.8223, 56.5217

■ 0.0000, 0.0000,
0.0000

■ 155.5885,

149.0913, 76.7308

192.2893,
185.4542, 101.2603

18.0785, 15.6547,
2.5590

18.0785, 15.6547,
2.5590

17.4050, 14.4539,
1.8841

18.8735, 16.9860,
3.6223

17.3884, 14.4243,
1.8677

19.8198, 18.4595,
5.2293

20.9313, 20.0834,
7.4471

22.2200, 21.8642,
10.3328

23.6965, 23.8078,
13.9367

■ 25.3704, 25.9197,
18.3045

■ 27.2505, 28.2051,
23.4778

■ 29.3451, 30.6689,
29.4954

■ 31.6620, 33.3156,
36.3933

Harmonies

Analogous

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



22.7353, 15.6547, 5.3145



18.0785, 15.6547, 2.5590



13.3453, 15.6547, 2.2666

Triad

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



18.0785, 15.6547, 2.5590



7.7378, 15.6547, 22.0163



21.3990, 15.6547, 44.7448

Complementary

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



18.0785, 15.6547, 2.5590



8.7304, 7.5423, 32.4479

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.



16.5266, 15.6547, 56.3381



18.0785, 15.6547, 2.5590



9.0802, 15.6547, 39.3741

Square

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



18.0785, 15.6547, 2.5590



7.9837, 15.6547, 9.8284



12.0817, 15.6547, 53.9812



24.9105, 15.6547, 27.1376

Rectangle

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



18.0785, 15.6547, 2.5590



10.8308, 15.6547, 3.1632



12.0817, 15.6547, 53.9812



19.8287, 15.6547, 49.8027

Sweetspot

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



18.0788, 15.6555, 2.5593



46.8013, 47.9668, 35.1921



15.2234, 7.9697, 7.6958



10.0748, 10.2787, 7.1420



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.0788, 15.6555, 2.5593



31.3843, 25.8022, 3.3262



23.9548, 29.9864, 5.0157



6.9357, 7.2514, 7.0198



14.3576, 11.9509, 1.5500



0.2980, 0.2963, 0.0415

Inverse Universe

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



8.7304, 7.5423, 32.4479



14.2242, 11.0098, 58.5021



6.5953, 2.9819, 31.6802



6.5030, 6.8717, 8.3903



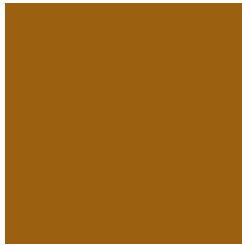
6.5679, 5.2273, 26.5700



0.1584, 0.1753, 0.4887

Previews

White Background



This preview shows how the XYZ color 18.0785, 15.6547, 2.5590 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 18.0785, 15.6547, 2.5590 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 18.0785, 15.6547, 2.5590

Background



This preview shows how black text looks on a background with the XYZ color 18.0785, 15.6547, 2.5590.



This preview shows how white text looks on a background with the XYZ color 18.0785, 15.6547,

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

18.0785, 15.6547, 2.5590

Protanopia

14.2682, 15.7794, 2.9555

Deuteranopia

15.8997, 15.6917, 2.3631



Tritanopia

20.3110, 15.6490, 13.2593

Trichromacy



Original Color

18.0785, 15.6547, 2.5590

Protanomaly

15.4249, 15.5893, 2.8122

Deuteranomaly

16.6602, 15.6356, 2.4271

Tritanomaly

19.2558, 15.6170, 7.4683

Monochromacy



Original Color

18.0785, 15.6547, 2.5590

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.2661, 14.2689, 8.3056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0785, 15.6547, 2.5590 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(156, 97, 16)` looks like.

```
.text, #text, p{  
    color:rgb(156, 97, 16)  
}
```

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(156, 97, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 97, 16) }
```

Border

The CSS property to change the border of an element to XYZ 18.0785, 15.6547, 2.5590 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(156, 97, 16) }
```


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

```
.border{ border-color:rgb(156, 97, 16) }
```

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

Here you see how a box with a 4 pixel rgb(156, 97, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 97, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 97, 16);  
box-shadow:4px 4px 4px 4px rgb(156, 97,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0785, 15.6547, 2.5590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 97, 16) }
```

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

```
.background{ background-color: rgb(156, 97,  
16) }
```

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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