

Converting Colors

XYZ(15.8515, 19.0514, 3.1584)

Have a look what the booklet for
XYZ(15.8515, 19.0514, 3.1584)
contains.

XYZ(15.8515, 19.0514, 3.1584)	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(15.8515, 19.0514,
3.1584)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7D0B
RGB	125, 125, 11
RGB Percent	49%, 49%, 4%
CMY	0.5098, 0.5098, 0.9568
CMYK	0.00, 0.00, 0.91, 0.51
HSL	60°, 84%, 27%
HSV	60°, 91%, 49%
XYZ	15.8515, 19.0514, 3.1584
YIQ	112.0040, 36.5940, -35.4540

Conversions

Conversions Part 2

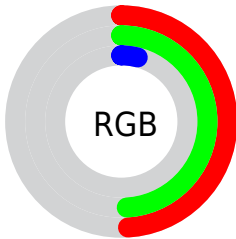
Format	Color
RYB	11, 125, 11
Decimal	8224011
CIELab	50.75, -12.48, 53.63
CIElCh	51, 55.064, 103.103
Yxy	19.0514, 0.4165, 0.5005
Android (android.graphics.Color)	4286414091 (0xFF7D7D0B)
YUV	112.0040, -49.7950, 11.3975
Hunter-Lab	43.6479, -11.5585, 26.2633

Details

The XYZ color **15.8515, 19.0514, 3.1584** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.9598, 1.7915, 19.5403**, and the grayscale version is **15.5370, 16.3461, 17.8009**.

A 20% lighter version of the original color is **35.8837, 41.7102, 11.9540**, and **5.3321, 6.5854, 0.9901** is the 20% darker color. If you saturate the color by 10%, you get **15.7914, 19.0281, 2.8405**, and if you desaturate by 10%, it is **15.9513, 19.0921, 3.6819**.

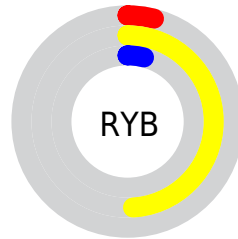
Distribution



Red (49%)

Green (49%)

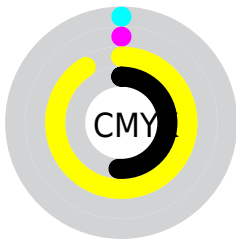
Blue (4%)



Red (4%)

Yellow (49%)

Blue (4%)

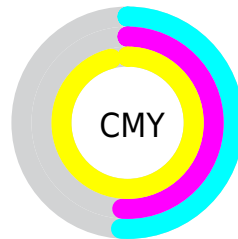


Cyan (0%)

Magenta (0%)

Yellow (91%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8515, 19.0514, 3.1584 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 15.8515, 19.0514, 3.1584 by changing the saturation by 10% instead.

■ 15.8515, 19.0514,
3.1584

■ 15.8515, 19.0514,
3.1584

221.7515,
246.7324, 138.3532

■ 9.5093, 11.7074,
1.1761

■ 35.8997, 41.8209,
12.0169

■ 5.1346, 6.5448,
0.0000

■ 50.3365, 58.0153,
19.7301

■ 2.3620, 3.1791,
0.0000

■ 68.2022, 77.9285,
30.1907

■ 0.8261, 1.2259,
0.0000

■ 89.8621, 101.9451,
43.8172


■ 0.0000, 0.0827,
0.0000


■ 115.6816,
130.4494, 61.0281


■ 0.0000, 0.0000,
0.0000


■ 146.0262,


163.8258, 82.2421


 181.2610,
202.4586, 107.8776


 15.8515, 19.0514,
3.1584


 15.8515, 19.0514,
3.1584


 15.7914, 19.0281,
2.8405

 15.9513, 19.0921,
3.6819

 16.1102, 19.1556,
4.5180

 16.3357, 19.2458,
5.7054

 16.6343, 19.3653,
7.2772

 17.0113, 19.5161,
9.2625

■ 17.4719, 19.7003,
11.6877

■ 18.0207, 19.9198,
14.5769

■ 18.6618, 20.1763,
17.9526

■ 19.3992, 20.4713,
21.8356

Harmonies

Analogous

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



21.3008, 19.0514, 3.3061



15.8515, 19.0514, 3.1584



11.8920, 19.0514, 5.7140

Triad

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



15.8515, 19.0514, 3.1584



11.5281, 19.0514, 48.4676



29.9889, 19.0514, 30.6574

Complementary

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



15.8515, 19.0514, 3.1584



3.9598, 1.7915, 19.5403

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.



26.1818, 19.0514, 50.9632



15.8515, 19.0514, 3.1584



15.2509, 19.0514, 64.2686

Square

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



15.8515, 19.0514, 3.1584



9.7518, 19.0514, 28.2530



20.5686, 19.0514, 65.3589



30.2389, 19.0514, 14.6990

Rectangle

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



15.8515, 19.0514, 3.1584



10.3281, 19.0514, 9.9788



20.5686, 19.0514, 65.3589



29.0527, 19.0514, 37.3400

Sweetspot

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



15.8519, 19.0523, 3.1588



31.6156, 35.4081, 22.6638



8.6382, 4.6239, 0.7540



7.1335, 8.0309, 4.8502



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.8519, 19.0523, 3.1588



28.2768, 34.0725, 5.0863



9.7788, 15.9215, 2.8746



4.6654, 5.0194, 4.6431



16.4805, 19.8584, 2.9644



0.0000, 0.0000, 0.0000

Inverse Universe

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



3.9598, 1.7915, 19.5403



6.6289, 2.6516, 34.9068



6.2059, 2.9494, 19.6455



4.1089, 4.2117, 5.4097



3.8635, 1.5454, 20.3446



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.8515, 19.0514, 3.1584 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



This preview shows how the XYZ color 15.8515, 19.0514, 3.1584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

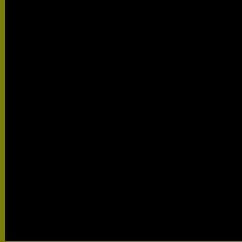
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.8515, 19.0514, 3.1584

Background



This preview shows how black text looks on a background with the XYZ color 15.8515, 19.0514, 3.1584.

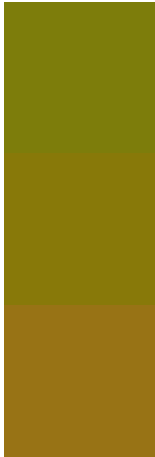


This preview shows how white text looks on a background with the XYZ color 15.8515, 19.0514,

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

15.8515, 19.0514, 3.1584

Protanopia

17.0400, 18.9287, 3.0139

Deuteranopia

19.2150, 18.9910, 3.3624



Tritanopia

19.6199, 18.9580, 22.0272

Trichromacy



Original Color

15.8515, 19.0514, 3.1584

Protanomaly

16.5300, 18.8465, 3.0537

Deuteranomaly

17.8533, 18.9849, 3.2538

Tritanomaly

17.4030, 18.5796, 11.0565

Monochromacy



Original Color

15.8515, 19.0514, 3.1584

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.9674, 17.0125, 9.1515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8515, 19.0514, 3.1584 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(125, 125, 11)` looks like.

```
.text, #text, p{  
    color:rgb(125, 125, 11)  
}
```

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(125, 125, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 125, 11) }
```

Border

The CSS property to change the border of an element to XYZ 15.8515, 19.0514, 3.1584 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(125, 125, 11) }
```


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

```
.border{ border-color:rgb(125, 125, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 125, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 125, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 125, 11);  
box-shadow:4px 4px 4px 4px rgb(125, 125,  
11) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8515, 19.0514, 3.1584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 125, 11) }
```

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

```
.background{ background-color: rgb(125,  
125, 11) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor