

Converting Colors

XYZ(16.3961, 19.3991, 3.8290)

Have a look what the booklet for
XYZ(16.3961, 19.3991, 3.8290)
contains.

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Color

**XYZ(16.2725, 19.2538,
3.8360)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7D1A
RGB	127, 125, 26
RGB Percent	50%, 49%, 10%
CMY	0.5020, 0.5098, 0.8980
CMYK	0.00, 0.02, 0.80, 0.50
HSL	59°, 66%, 30%
HSV	59°, 80%, 50%
XYZ	16.2725, 19.2538, 3.8360
YIQ	114.3120, 32.9710, -30.3650

Conversions

Conversions Part 2

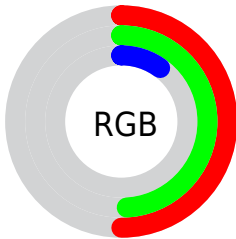
Format	Color
RYB	28, 127, 26
Decimal	8355098
CIELab	50.98, -11.08, 49.92
CIELCh	51, 51.139, 102.517
Yxy	19.2538, 0.4134, 0.4891
Android (android.graphics.Color)	4286545178 (0xFF7F7D1A)
YUV	114.3120, -43.5378, 11.1274
Hunter-Lab	43.8792, -10.5921, 25.5322

Details

The XYZ color **16.2725, 19.2538, 3.8360** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.6722, 2.5825, 20.3309**, and the grayscale version is **16.2085, 17.0526, 18.5702**.

A 20% lighter version of the original color is **36.6619, 42.0761, 13.5863**, and **5.4861, 6.6647, 0.9973** is the 20% darker color. If you saturate the color by 10%, you get **16.1293, 19.1465, 3.2367**, and if you desaturate by 10%, it is **16.4796, 19.3883, 4.7676**.

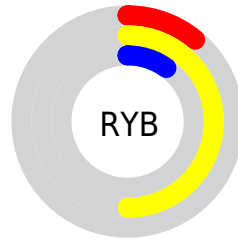
Distribution



Red (50%)

Green (49%)

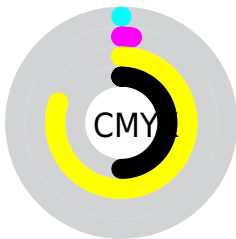
Blue (10%)



Red (11%)

Yellow (50%)

Blue (10%)

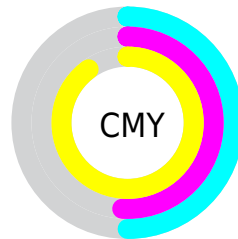


Cyan (0%)

Magenta (2%)

Yellow (80%)

Black (50%)



Cyan (50%)

Magenta (51%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2725, 19.2538, 3.8360 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 16.2725, 19.2538, 3.8360 by changing the saturation by 10% instead.

■ 16.2725, 19.2538,
3.8360

■ 16.2725, 19.2538,
3.8360

■ 224.1833,
247.8463, 146.3847

■ 9.8093, 11.8538,
1.5358

■ 36.6243, 42.1625,
13.6297

■ 5.3340, 6.6442,
0.2444

■ 51.2435, 58.4400,
21.9603

■ 2.4813, 3.2406,
0.0000

■ 69.3121, 78.4455,
33.1382

■ 0.8858, 1.2586,
0.0000

■ 91.1955, 102.5634,
47.5818

■ 0.0000, 0.1088,
0.0000

■ 117.2589,
131.1780, 65.7097

■ 0.0000, 0.0000,
0.0000

■ 147.8678,

164.6738, 87.9405

183.3874,
203.4351, 114.6926

16.2725, 19.2538,
3.8360

16.2725, 19.2538,
3.8360

16.1293, 19.1465,
3.2367

16.4796, 19.3883,
4.7676

16.0263, 19.0546,
2.8506

16.7567, 19.5502,
6.0693

16.0215, 19.0503,
2.8326

17.1106, 19.7429,
7.7750

17.5469, 19.9688,
9.9146

18.0708, 20.2298,
12.5149

■ 18.6870, 20.5278,
15.6009

■ 19.3999, 20.8647,
19.1956

■ 20.2136, 21.2420,
23.3206

■ 21.1319, 21.6613,
27.9961

Harmonies

Analogous

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



21.3797, 19.2538, 4.0408



16.2725, 19.2538, 3.8360



12.4838, 19.2538, 6.4080

Triad

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



16.2725, 19.2538, 3.8360



12.0278, 19.2538, 45.9788



29.2302, 19.2538, 30.4928

Complementary

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



16.2725, 19.2538, 3.8360



4.6722, 2.5825, 20.3309

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.



25.6898, 19.2538, 48.9194



16.2725, 19.2538, 3.8360



15.5315, 19.2538, 60.3249

Square

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



16.2725, 19.2538, 3.8360



10.3540, 19.2538, 27.5977



20.4896, 19.2538, 61.5971



29.5292, 19.2538, 15.4890

Rectangle

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



16.2725, 19.2538, 3.8360



10.9580, 19.2538, 10.5596



20.4896, 19.2538, 61.5971



28.3534, 19.2538, 36.6211

Sweetspot

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



16.2729, 19.2547, 3.8364



32.8860, 36.4827, 25.0371



9.3483, 5.3416, 1.7249



7.6231, 8.5045, 5.4797



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.2729, 19.2547, 3.8364



28.7517, 34.1638, 5.3169



11.0731, 16.9531, 3.6662



4.6583, 5.0053, 4.6407



16.1580, 19.2125, 2.8568



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.6722, 2.5825, 20.3309



7.0881, 3.0461, 36.1707



6.9582, 3.6931, 20.4248



4.1151, 4.2243, 5.4117



3.8908, 1.6001, 20.3537



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.2725, 19.2538, 3.8360 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 16.2725, 19.2538, 3.8360 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 16.2725, 19.2538, 3.8360

Background



This preview shows how black text looks on a background with the XYZ color 16.2725, 19.2538, 3.8360.



This preview shows how white text looks on a background with the XYZ color 16.2725, 19.2538,

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

16.2725, 19.2538, 3.8360

Protanopia

17.4515, 19.3076, 3.7267

Deuteranopia

19.5149, 19.1327, 3.9608



Tritanopia

20.0030, 19.1480, 22.3803

Trichromacy



Original Color

16.2725, 19.2538, 3.8360

Protanomaly

16.9313, 19.2227, 3.7377

Deuteranomaly

18.3202, 19.2117, 3.9050

Tritanomaly

17.9580, 18.8374, 12.3623

Monochromacy



Original Color

16.2725, 19.2538, 3.8360

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.6092, 17.4880, 10.5355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2725, 19.2538, 3.8360 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(127, 125, 26)` looks like.

```
.text, #text, p{  
    color:rgb(127, 125, 26)  
}
```

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(127, 125, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 125, 26) }
```

Border

The CSS property to change the border of an element to XYZ 16.2725, 19.2538, 3.8360 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(127, 125, 26) }
```


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

```
.border{ border-color:rgb(127, 125, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 125, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 125, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 125, 26);  
box-shadow:4px 4px 4px 4px rgb(127, 125,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2725, 19.2538, 3.8360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 125, 26) }
```

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

```
.background{ background-color: rgb(127,  
125, 26) }
```

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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