

Converting Colors

XYZ(16.7282, 18.3096, 7.5029)

Have a look what the booklet for
XYZ(16.7282, 18.3096, 7.5029)
contains.

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Color

**XYZ(16.7282, 18.3096,
7.5029)**

Conversions

Conversions Part 1

Format	Color
Hex	827740
RGB	130, 119, 64
RGB Percent	51%, 47%, 25%
CMY	0.4902, 0.5333, 0.7490
CMYK	0.00, 0.08, 0.51, 0.49
HSL	50°, 34%, 38%
HSV	50°, 51%, 51%
XYZ	16.7282, 18.3096, 7.5029
YIQ	116.0190, 24.2110, -14.7730

Conversions

Conversions Part 2

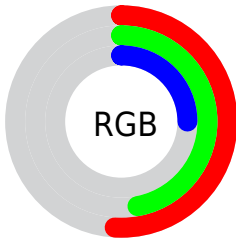
Format	Color
RYB	77, 130, 64
Decimal	8550208
CIELab	49.87, -3.72, 31.57
CIELCh	50, 31.791, 96.714
Yxy	18.3096, 0.3932, 0.4304
Android (android.graphics.Color)	4286740288 (0xFF827740)
YUV	116.0190, -25.6454, 12.2613
Hunter-Lab	42.7897, -5.0993, 19.5567

Details

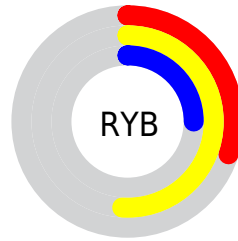
The XYZ color **16.7282, 18.3096, 7.5029** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.6597, 7.7337, 22.1556**, and the grayscale version is **16.6776, 17.5461, 19.1077**.

A 20% lighter version of the original color is **37.3107, 40.5084, 21.4752**, and **5.5869, 6.2124, 1.4769** is the 20% darker color. If you saturate the color by 10%, you get **16.1459, 17.6695, 5.6917**, and if you desaturate by 10%, it is **17.4036, 18.9976, 9.7711**.

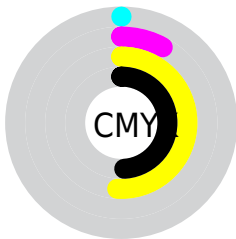
Distribution



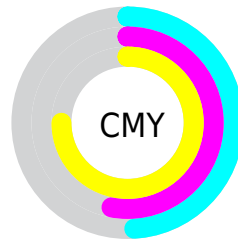
- Red (51%)
- Green (47%)
- Blue (25%)



- Red (30%)
- Yellow (51%)
- Blue (25%)



- Cyan (0%)
- Magenta (8%)
- Yellow (51%)
- Black (49%)



- Cyan (49%)
- Magenta (53%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7282, 18.3096, 7.5029 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 16.7282, 18.3096, 7.5029 by changing the saturation by 10% instead.

■ 16.7282, 18.3096,
7.5029

■ 16.7282, 18.3096,
7.5029

226.7881,
242.6104, 181.5658

■ 10.1350, 11.1725,
3.6954

■ 37.4052, 40.5642,
21.5078

■ 5.5515, 6.1830,
1.4598

■ 52.2197, 56.4504,
32.5424

■ 2.6124, 2.9567,
0.1877

■ 70.5053, 76.0219,
46.8229

■ 0.9523, 1.1091,
0.0000

■ 92.6275, 99.6628,
64.7681

■ 0.0000, 0.0000,
0.0000

■ 118.9514,
127.7578, 86.7965

■ 149.8426,

160.6911, 113.3265

185.6664,
198.8472, 144.7768

■ 16.7282, 18.3096,
7.5029

■ 16.7282, 18.3096,
7.5029

■ 16.1459, 17.6695,
5.6917

■ 17.4036, 18.9976,
9.7711

■ 15.6491, 17.0723,
4.3043

■ 18.1762, 19.7334,
12.5241

■ 15.2315, 16.5161,
3.3049

■ 19.0515, 20.5197,
15.7889

■ 14.8849, 15.9975,
2.6512

■ 20.0344, 21.3587,
19.5902

■ 14.6044, 15.5426,
2.2303

■ 21.1291, 22.2520,
23.9509

■ 22.3399, 23.2015,
28.8927

■ 23.6706, 24.2087,
34.4363

■ 25.1251, 25.2752,
40.6010

■ 26.7068, 26.4025,
47.4056

Harmonies

Analogous

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



19.8176, 18.3096, 8.1730



16.7282, 18.3096, 7.5029



14.1367, 18.3096, 9.3014

Triad

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



16.7282, 18.3096, 7.5029



13.1245, 18.3096, 31.7132



23.3436, 18.3096, 27.3141

Complementary

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



16.7282, 18.3096, 7.5029



8.6597, 7.7337, 22.1556

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.



21.1367, 18.3096, 36.5941



16.7282, 18.3096, 7.5029



15.1925, 18.3096, 39.6075

Square

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



16.7282, 18.3096, 7.5029



12.2186, 18.3096, 21.9581



18.0951, 18.3096, 41.6144



23.8781, 18.3096, 18.0421

Rectangle

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



16.7282, 18.3096, 7.5029



12.9591, 18.3096, 12.0869



18.0951, 18.3096, 41.6144



22.7612, 18.3096, 30.6085

Sweetspot

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



16.7286, 18.3105, 7.5033



34.4667, 36.9270, 31.3195



12.3095, 8.9208, 7.7299



7.7330, 8.2998, 6.8252



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.



16.7286, 18.3105, 7.5033



28.2829, 30.9425, 9.5801



15.0926, 19.5237, 7.8237



4.6063, 4.9013, 4.6234



14.0074, 14.9112, 2.1399



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.6597, 7.7337, 22.1556



12.3919, 10.1313, 38.4949



9.7006, 7.2572, 22.0087



4.1623, 4.3186, 5.4275



4.1361, 2.0908, 20.4355



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.7282, 18.3096, 7.5029 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 16.7282, 18.3096, 7.5029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

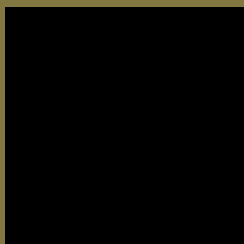
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.7282, 18.3096, 7.5029

Background



This preview shows how black text looks on a background with the XYZ color 16.7282, 18.3096, 7.5029.



This preview shows how white text looks on a background with the XYZ color 16.7282, 18.3096,

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

16.7282, 18.3096, 7.5029

Protanopia

16.8823, 18.3891, 7.5101

Deuteranopia

18.5363, 18.2117, 7.5393



Tritanopia

19.3987, 18.2031, 20.5803

Trichromacy



Original Color

16.7282, 18.3096, 7.5029

Protanomaly

16.8823, 18.3891, 7.5101

Deuteranomaly

17.9001, 18.2186, 7.5741

Tritanomaly

18.2625, 18.2499, 14.6166

Monochromacy



Original Color

16.7282, 18.3096, 7.5029

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.4041, 17.6506, 13.8516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7282, 18.3096, 7.5029 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(130, 119, 64)` looks like.

```
.text, #text, p{  
    color:rgb(130, 119, 64)  
}
```

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(130, 119, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 119, 64) }
```

Border

The CSS property to change the border of an element to XYZ 16.7282, 18.3096, 7.5029 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(130, 119, 64) }
```


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

```
.border{ border-color:rgb(130, 119, 64) }
```

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

Here you see how a box with a 4 pixel rgb(130, 119, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 119, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 119, 64);  
box-shadow:4px 4px 4px 4px rgb(130, 119,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7282, 18.3096, 7.5029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 119, 64) }
```

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

```
.background{ background-color: rgb(130,  
119, 64) }
```

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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