

Converting Colors

XYZ(16.7150, 20.2308, 17.3408)

Have a look what the booklet for
XYZ(16.7150, 20.2308, 17.3408)
contains.

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Color

**XYZ(16.6333, 20.1121,
17.1927)**

Conversions

Conversions Part 1

Format	Color
Hex	6A826C
RGB	106, 130, 108
RGB Percent	42%, 51%, 42%
CMY	0.5843, 0.4902, 0.5765
CMYK	0.18, 0.00, 0.17, 0.49
HSL	125°, 10%, 46%
HSV	125°, 18%, 51%
XYZ	16.6333, 20.1121, 17.1927
YIQ	120.3160, -7.2420, -11.9300

Conversions

Conversions Part 2

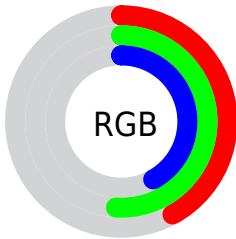
Format	Color
R_{YB}	106, 128, 130
Decimal	6980204
CIE _{Lab}	51.96, -13.27, 9.08
CIE _{LCh}	52, 16.082, 145.630
Yxy	20.1121, 0.3084, 0.3729
Android (android.graphics.Color)	4285170284 (0xFF6A826C)
YUV	120.3160, -6.0718, -12.5551
Hunter-Lab	44.8465, -12.2768, 8.6627

Details

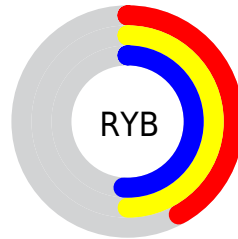
The XYZ color **16.6333, 20.1121, 17.1927** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.2570, 16.6130, 22.6675**, and the grayscale version is **17.9748, 18.9108, 20.5939**.

A 20% lighter version of the original color is **37.2920, 43.6393, 39.2586**, and **5.5297, 7.1213, 5.4980** is the 20% darker color. If you saturate the color by 10%, you get **14.6125, 19.1393, 14.0107**, and if you desaturate by 10%, it is **18.9762, 21.2421, 20.8433**.

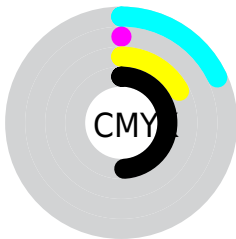
Distribution



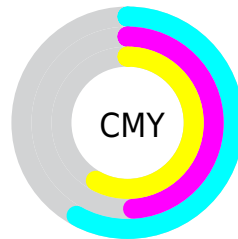
- Red (42%)
- Green (51%)
- Blue (42%)



- Red (42%)
- Yellow (50%)
- Blue (51%)



- Cyan (18%)
- Magenta (0%)
- Yellow (17%)
- Black (49%)



- Cyan (58%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6333, 20.1121, 17.1927 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 16.6333, 20.1121, 17.1927 by changing the saturation by 10% instead.

■ 16.6333, 20.1121,
17.1927

■ 16.6333, 20.1121,
17.1927

226.2479,
252.5213, 248.3619

■ 10.0671, 12.4766,
10.2086

■ 37.2428, 43.6050,
39.4520

■ 5.5061, 7.0691,
5.4301

■ 52.0169, 60.2312,
55.5642

■ 2.5849, 3.5054,
2.4386

■ 70.2575, 80.6231,
75.5562

■ 0.9383, 1.4009,
0.8074

■ 92.3302, 105.1650,
99.8465

■ 0.0000, 0.2174,
0.0000

118.6002,
134.2414, 128.8537

■ 0.0000, 0.0000,
0.0000

149.4329,

168.2367, 162.9963

185.1937,
207.5352, 202.6928

■ 16.6333, 20.1121,
17.1927

■ 16.6333, 20.1121,
17.1927

■ 14.6125, 19.1393,
14.0107

■ 18.9762, 21.2421,
20.8433

■ 12.8981, 18.3142,
11.2770

■ 21.6526, 22.5331,
24.9789

■ 11.4756, 17.6304,
8.9718

■ 24.6756, 23.9920,
29.6169

■ 10.3288, 17.0800,
7.0736

■ 28.0568, 25.6244,
34.7733

■ 9.4395, 16.6542,
5.5585

■ 31.8076, 27.4360,
40.4636

■ 8.7880, 16.3433,
4.4006

■ 35.9387, 29.4318,
46.7024

■ 8.3510, 16.1359,
3.5706

■ 40.4602, 31.6169,
53.5039

■ 8.0785, 16.0071,
3.0334

■ 45.3822, 33.9961,
60.8817

■ 8.0424, 15.9897,
2.9739

■ 50.7142, 36.5740,
68.8489

Harmonies

Analogous

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



17.7862, 20.1121, 14.7338



16.6333, 20.1121, 17.1927



16.1455, 20.1121, 21.2187

Triad

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



16.6333, 20.1121, 17.1927



18.8770, 20.1121, 32.1753



22.0973, 20.1121, 18.2255

Complementary

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



16.6333, 20.1121, 17.1927



18.2570, 16.6130, 22.6675

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.



22.4301, 20.1121, 22.5929



16.6333, 20.1121, 17.1927



20.5103, 20.1121, 31.0754

Square

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



16.6333, 20.1121, 17.1927



17.3931, 20.1121, 30.2158



21.8341, 20.1121, 27.3934



20.9489, 20.1121, 15.2676

Rectangle

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



16.6333, 20.1121, 17.1927



16.2415, 20.1121, 24.4188



21.8341, 20.1121, 27.3934



22.3109, 20.1121, 19.5582

Sweetspot

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



16.6338, 20.1130, 17.1931



34.4602, 37.9105, 38.3218



19.5473, 21.6271, 16.7803



7.7474, 8.5555, 8.5926



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.



16.6338, 20.1130, 17.1931



27.7888, 34.6946, 27.9178



17.2931, 20.3766, 20.6646



4.2895, 4.8241, 4.6955



7.7124, 15.3315, 2.8581



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.2570, 16.6130, 22.6675



31.1767, 27.3886, 39.3435



17.5363, 16.3247, 18.8726



4.4832, 4.4064, 5.3490



12.0308, 5.8320, 17.2835



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.6333, 20.1121, 17.1927 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 16.6333, 20.1121, 17.1927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

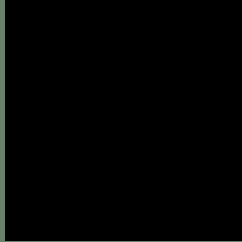
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.6333, 20.1121, 17.1927

Background



This preview shows how black text looks on a background with the XYZ color 16.6333, 20.1121, 17.1927.



This preview shows how white text looks on a background with the XYZ color 16.6333, 20.1121,

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

16.6333, 20.1121, 17.1927

Protanopia

18.8387, 19.9317, 16.2189

Deuteranopia

20.2265, 19.8949, 17.5259



Tritanopia

18.4603, 20.0788, 26.1952

Trichromacy



Original Color

16.6333, 20.1121, 17.1927

Protanomaly

17.9475, 20.0273, 16.5554

Deuteranomaly

18.7454, 19.8592, 17.3132

Tritanomaly

17.6619, 19.9363, 22.6559

Monochromacy



Original Color

16.6333, 20.1121, 17.1927

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.4303, 19.3211, 19.3337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6333, 20.1121, 17.1927 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(106, 130, 108)` looks like.

```
.text, #text, p{  
    color:rgb(106, 130, 108)  
}
```

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(106, 130, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 130, 108) }
```

Border

The CSS property to change the border of an element to XYZ 16.6333, 20.1121, 17.1927 is called "border". The border property can be set on classes, ids or directly on the HTML element.

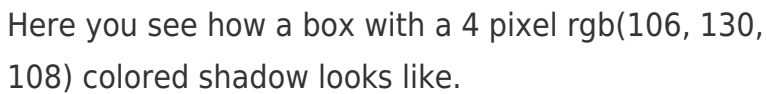
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 130, 108) }
```


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

```
.border{ border-color:rgb(106, 130, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 130, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 130, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 130, 108); box-shadow:4px 4px 4px 4px rgb(106, 130, 108) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6333, 20.1121, 17.1927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 130, 108) }
```

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

```
.background{ background-color: rgb(106,  
130, 108) }
```

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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