

Converting Colors

XYZ(15.9661, 18.6125, 16.6422)

Have a look what the booklet for
XYZ(15.9661, 18.6125, 16.6422)
contains.

XYZ(15.9249, 18.6026, 16.6613)	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(15.9249, 18.6026,
16.6613)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7C6B
RGB	107, 124, 107
RGB Percent	42%, 49%, 42%
CMY	0.5804, 0.5137, 0.5804
CMYK	0.14, 0.00, 0.14, 0.51
HSL	120°, 7%, 45%
HSV	120°, 14%, 49%
XYZ	15.9249, 18.6026, 16.6613
YIQ	116.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

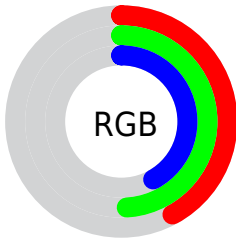
Format	Color
R_{YB}	107, 124, 124
Decimal	7044203
CIE _{Lab}	50.22, -9.78, 7.20
CIE _{LCh}	50, 12.144, 143.659
Yxy	18.6026, 0.3111, 0.3634
Android (android.graphics.Color)	4285234283 (0xFF6B7C6B)
YUV	116.9790, -4.9196, -8.7516
Hunter-Lab	43.1307, -9.5723, 7.2879

Details

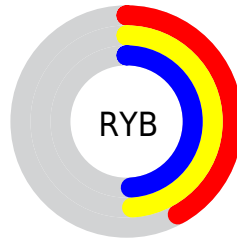
The XYZ color **15.9249, 18.6026, 16.6613** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2086, 16.2562, 21.3003**, and the grayscale version is **16.9182, 17.7993, 19.3834**.

A 20% lighter version of the original color is **35.9942, 41.1820, 38.3996**, and **5.1353, 6.2882, 5.2180** is the 20% darker color. If you saturate the color by 10%, you get **13.9334, 17.6465, 13.4034**, and if you desaturate by 10%, it is **18.2248, 19.7079, 20.4228**.

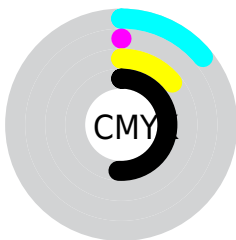
Distribution



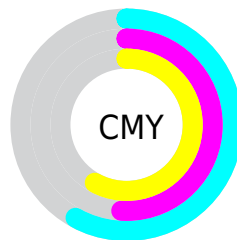
- Red (42%)
- Green (49%)
- Blue (42%)



- Red (42%)
- Yellow (49%)
- Blue (49%)



- Cyan (14%)
- Magenta (0%)
- Yellow (14%)
- Black (51%)



- Cyan (58%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9249, 18.6026, 16.6613 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 15.9249, 18.6026, 16.6613 by changing the saturation by 10% instead.

■ 15.9249, 18.6026,
16.6613

■ 15.9249, 18.6026,
16.6613

222.1773,
244.2460, 245.1904

■ 9.5615, 11.3835,
9.8339

■ 36.0263, 41.0615,
38.5251

■ 5.1692, 6.3254,
5.1848

■ 50.4950, 57.0701,
54.3987

■ 2.3827, 3.0439,
2.2955

■ 68.3962, 76.7772,
74.1247

■ 0.8365, 1.1547,
0.7287

■ 90.0953, 100.5674,
98.1217

■ 0.0000, 0.0242,
0.0000

115.9576,
128.8250, 126.8082

■ 0.0000, 0.0000,
0.0000

146.3484,

161.9343, 160.6028

181.6332,
200.2799, 199.9240

■ 15.9249, 18.6026,
16.6613

■ 15.9249, 18.6026,
16.6613

■ 13.9334, 17.6465,
13.4034

■ 18.2248, 19.7079,
20.4228

■ 12.2358, 16.8311,
10.6267

■ 20.8440, 20.9660,
24.7068

■ 10.8186, 16.1503,
8.3086

■ 23.7943, 22.3832,
29.5326

■ 9.6668, 15.5971,
6.4246

■ 27.0869, 23.9648,
34.9182

■ 8.7638, 15.1633,
4.9476

■ 30.7322, 25.7159,
40.8807

■ 8.0914, 14.8403,
3.8477

■ 34.7403, 27.6412,
47.4366

■ 7.6286, 14.6180,
3.0907

■ 39.1209, 29.7454,
54.6017

■ 7.3483, 14.4834,
2.6323

■ 43.8831, 32.0329,
62.3911

■ 7.2080, 14.4160,
2.4027

■ 49.0360, 34.5081,
70.8194

Harmonies

Analogous

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



16.7909, 18.6026, 14.8930



15.9249, 18.6026, 16.6613



15.5317, 18.6026, 19.5496

Triad

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



15.9249, 18.6026, 16.6613



17.4331, 18.6026, 27.3820



19.8300, 18.6026, 17.7704

Complementary

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



15.9249, 18.6026, 16.6613



17.2086, 16.2562, 21.3003

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.



20.0204, 18.6026, 20.9773



15.9249, 18.6026, 16.6613



18.6024, 18.6026, 26.7707

Square

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



15.9249, 18.6026, 16.6613



16.3773, 18.6026, 25.9202



19.5621, 18.6026, 24.3317



19.0526, 18.6026, 15.4821

Rectangle

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



15.9249, 18.6026, 16.6613



15.5776, 18.6026, 21.8201



19.5621, 18.6026, 24.3317



19.9661, 18.6026, 18.7667

Sweetspot

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



15.9254, 18.6034, 16.6617



31.9043, 34.6002, 35.6668



18.1744, 19.7628, 16.7669



7.4479, 8.1171, 8.2921



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.



15.9254, 18.6034, 16.6617



27.0362, 32.2618, 27.7041



16.3950, 18.7912, 19.1344



3.9509, 4.4500, 4.2752



7.3273, 14.6546, 2.4425



34.9519, 69.9038, 11.6508

Inverse Universe

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



17.2086, 16.2562, 21.3003



29.6861, 27.4145, 37.2833



16.6938, 16.0503, 18.5896



4.1545, 4.0775, 5.0112



12.1485, 5.8355, 19.8706



57.9494, 27.8361, 94.7846

Previews

White Background



This preview shows how the XYZ color 15.9249, 18.6026, 16.6613 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 15.9249, 18.6026, 16.6613 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

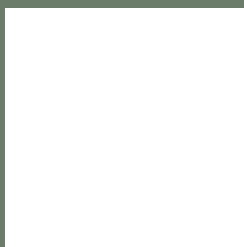
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9249, 18.6026, 16.6613

Background



This preview shows how black text looks on a background with the XYZ color 15.9249, 18.6026, 16.6613.

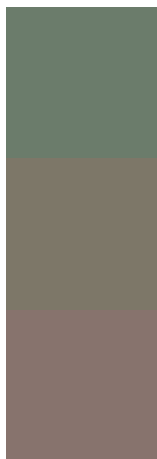


This preview shows how white text looks on a background with the XYZ color 15.9249, 18.6026,

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

15.9249, 18.6026, 16.6613

Protanopia

17.5530, 18.5531, 15.7527

Deuteranopia

18.8827, 18.5165, 17.0468



Tritanopia

17.4222, 18.6660, 23.8037

Trichromacy



Original Color

15.9249, 18.6026, 16.6613

Protanomaly

16.8584, 18.5462, 16.0558

Deuteranomaly

17.6427, 18.3996, 16.8090

Tritanomaly

16.9028, 18.6392, 21.1192

Monochromacy



Original Color

15.9249, 18.6026, 16.6613

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.5072, 18.1359, 18.2533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9249, 18.6026, 16.6613 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(107, 124, 107)` looks like.

```
.text, #text, p{  
    color:rgb(107, 124, 107)  
}
```

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(107, 124, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 124, 107) }
```

Border

The CSS property to change the border of an element to XYZ 15.9249, 18.6026, 16.6613 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(107, 124, 107) }
```


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

```
.border{ border-color:rgb(107, 124, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 124, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 124, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 124, 107);  
box-shadow:4px 4px 4px 4px rgb(107, 124,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9249, 18.6026, 16.6613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 124, 107) }
```

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

```
.background{ background-color: rgb(107,  
124, 107) }
```

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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