

Converting Colors

XYZ(15.0590, 18.1521, 16.8955)

Have a look what the booklet for
XYZ(15.0590, 18.1521, 16.8955)
contains.

XYZ(15.0600, 18.1507, 16.8970)	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(15.0600, 18.1507,
16.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	637C6C
RGB	99, 124, 108
RGB Percent	39%, 49%, 42%
CMY	0.6118, 0.5137, 0.5765
CMYK	0.20, 0.00, 0.13, 0.51
HSL	142°, 11%, 44%
HSV	142°, 20%, 49%
XYZ	15.0600, 18.1507, 16.8970
YIQ	114.7010, -9.7640, -10.2760

Conversions

Conversions Part 2

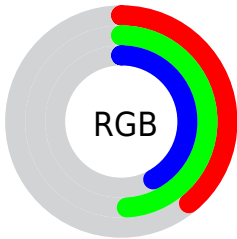
Format	Color
R_{YB}	99, 117, 124
Decimal	6519916
CIE _{Lab}	49.68, -12.54, 5.76
CIE _{LCh}	50, 13.796, 155.313
Yxy	18.1507, 0.3006, 0.3622
Android (android.graphics.Color)	4284709996 (0xFF637C6C)
YUV	114.7010, -3.3036, -13.7698
Hunter-Lab	42.6036, -11.4582, 6.3076

Details

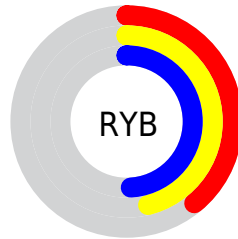
The XYZ color **15.0600, 18.1507, 16.8970** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8692, 14.4470, 18.1726**, and the grayscale version is **16.2174, 17.0620, 18.5805**.

A 20% lighter version of the original color is **34.5578, 40.4315, 38.7836**, and **4.7746, 6.0991, 5.3405** is the 20% darker color. If you saturate the color by 10%, you get **13.4047, 17.3444, 14.7142**, and if you desaturate by 10%, it is **16.9629, 19.0811, 19.2929**.

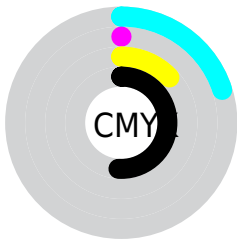
Distribution



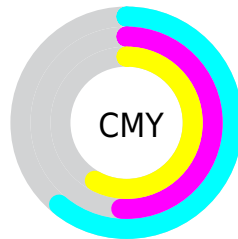
- Red (39%)
- Green (49%)
- Blue (42%)



- Red (39%)
- Yellow (46%)
- Blue (49%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (51%)



- Cyan (61%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0600, 18.1507, 16.8970 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 15.0600, 18.1507, 16.8970 by changing the saturation by 10% instead.

■ 15.0600, 18.1507,
16.8970

■ 15.0600, 18.1507,
16.8970

217.1103,
241.7191, 246.6019

■ 8.9481, 11.0582,
9.9999

■ 34.5292, 40.2939,
38.9368

■ 4.7642, 6.1060,
5.2933

■ 48.6172, 56.1135,
54.9166

■ 2.1429, 2.9097,
2.3586

■ 66.0946, 75.6109,
74.7611

■ 0.7124, 1.0847,
0.7638

■ 87.3268, 99.1705,
98.8887

■ 0.0000, 0.0000,
0.0000

112.6791,
127.1768, 127.7181

142.5169,

160.0140, 161.6677

177.2055,
198.0667, 201.1562

■ 15.0600, 18.1507,
16.8970

■ 15.0600, 18.1507,
16.8970

■ 13.4047, 17.3444,
14.7142

■ 16.9629, 19.0811,
19.2929

■ 11.9849, 16.6548,
12.7376

■ 19.1216, 20.1384,
21.9063

■ 10.7898, 16.0768,
10.9613

■ 21.5460, 21.3279,
24.7429

■ 9.8074, 15.6044,
9.3791

■ 24.2449, 22.6542,
27.8080

■ 9.0241, 15.2306,
7.9841

■ 27.2266, 24.1214,
31.1066

■ 8.4249, 14.9480,
6.7693

■ 30.4993, 25.7337,
34.6436

■ 7.9924, 14.7476,
5.7270

■ 34.0706, 27.4948,
38.4235

■ 7.6747, 14.6027,
4.8604

■ 37.9480, 29.4085,
42.4511

■ 42.1386, 31.4785,
46.7308

Harmonies

Analogous

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



15.8344, 18.1507, 14.4353



15.0600, 18.1507, 16.8970



14.8602, 18.1507, 20.4394

Triad

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



15.0600, 18.1507, 16.8970



17.4863, 18.1507, 27.8632



19.3928, 18.1507, 15.8748

Complementary

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



15.0600, 18.1507, 16.8970



15.8692, 14.4470, 18.1726

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.



19.8869, 18.1507, 19.1017



15.0600, 18.1507, 16.8970



18.7511, 18.1507, 26.2628

Square

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



15.0600, 18.1507, 16.8970



16.2196, 18.1507, 27.0795



19.6463, 18.1507, 22.9361



18.3267, 18.1507, 13.8996

Rectangle

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



15.0600, 18.1507, 16.8970



15.0706, 18.1507, 23.0151



19.6463, 18.1507, 22.9361



19.6336, 18.1507, 16.8327

Sweetspot

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



15.0605, 18.1515, 16.8974



31.3212, 34.2971, 35.7514



16.5636, 18.9789, 14.5948



7.3320, 8.0556, 8.3657



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.



15.0605, 18.1515, 16.8974



25.1652, 31.2888, 27.9956



15.7592, 18.4309, 20.5767



4.0050, 4.4716, 4.5600



7.8005, 14.8439, 4.9345



36.8349, 70.6570, 21.5663

Inverse Universe

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



15.8692, 14.4470, 18.1726



26.8471, 23.5823, 30.6464



15.2102, 14.1834, 14.7025



4.0961, 4.0542, 4.7039



9.8970, 4.9350, 8.0147



46.7918, 23.3731, 36.0295

Previews

White Background



This preview shows how the XYZ color 15.0600, 18.1507, 16.8970 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 15.0600, 18.1507, 16.8970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

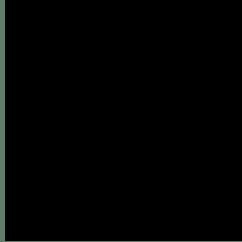
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.0600, 18.1507, 16.8970

Background



This preview shows how black text looks on a background with the XYZ color 15.0600, 18.1507, 16.8970.

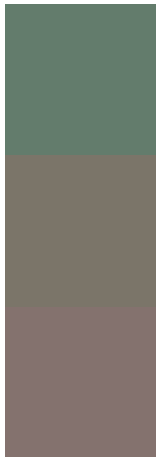


This preview shows how white text looks on a background with the XYZ color 15.0600, 18.1507,

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

15.0600, 18.1507, 16.8970

Protanopia

17.0795, 17.9535, 15.9298

Deuteranopia

18.3475, 18.0660, 17.2719



Tritanopia

16.4602, 18.1700, 23.7587

Trichromacy



Original Color

15.0600, 18.1507, 16.8970

Protanomaly

16.2574, 18.0510, 16.2630

Deuteranomaly

16.9845, 18.0541, 17.0576

Tritanomaly

15.9519, 18.1490, 21.0747

Monochromacy



Original Color

15.0600, 18.1507, 16.8970

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.7097, 17.3779, 17.8555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0600, 18.1507, 16.8970 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(99, 124, 108) looks like.

```
.text, #text, p{  
    color:rgb(99, 124, 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(99, 124, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 124, 108) }
```

Border

The CSS property to change the border of an element to XYZ 15.0600, 18.1507, 16.8970 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(99, 124, 108) }
```


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

```
.border{ border-color:rgb(99, 124, 108) }
```

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

Here you see how a box with a 4 pixel rgb(99, 124, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 124, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 124, 108);  
box-shadow:4px 4px 4px 4px rgb(99, 124,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0600, 18.1507, 16.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 124, 108) }
```

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

```
.background{ background-color: rgb(99, 124,  
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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