

Converting Colors

XYZ(16.7198, 23.0785, 15.8579)

Have a look what the booklet for
XYZ(16.7198, 23.0785, 15.8579)
contains.

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Color

**XYZ(16.7359, 23.1614,
15.9004)**

Conversions

Conversions Part 1

Format	Color
Hex	5C9065
RGB	92, 144, 101
RGB Percent	36%, 56%, 40%
CMY	0.6392, 0.4353, 0.6039
CMYK	0.36, 0.00, 0.30, 0.44
HSL	130°, 22%, 46%
HSV	130°, 36%, 56%
XYZ	16.7359, 23.1614, 15.9004
YIQ	123.5500, -17.1890, -24.3970

Conversions

Conversions Part 2

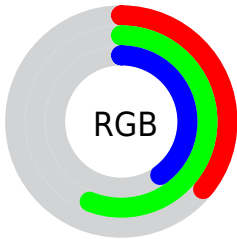
Format	Color
R_{YB}	92, 136, 144
Decimal	6066277
CIE _{Lab}	55.24, -26.81, 17.50
CIE _{LCh}	55, 32.022, 146.864
Yxy	23.1614, 0.2999, 0.4151
Android (android.graphics.Color)	4284256357 (0xFF5C9065)
YUV	123.5500, -11.1171, -27.6693
Hunter-Lab	48.1263, -22.1477, 14.0996

Details

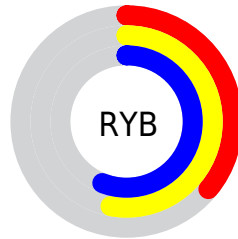
The XYZ color **16.7359, 23.1614, 15.9004** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.7028, 15.3335, 24.8441**, and the grayscale version is **19.0489, 20.0410, 21.8246**.

A 20% lighter version of the original color is **37.3632, 48.5845, 37.1143**, and **5.5351, 8.5873, 4.8558** is the 20% darker color. If you saturate the color by 10%, you get **14.8901, 22.2731, 12.9861**, and if you desaturate by 10%, it is **18.9410, 24.2264, 19.2739**.

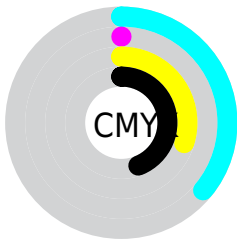
Distribution



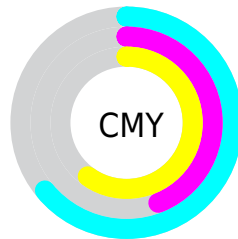
- Red (36%)
- Green (56%)
- Blue (40%)



- Red (36%)
- Yellow (53%)
- Blue (56%)



- Cyan (36%)
- Magenta (0%)
- Yellow (30%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7359, 23.1614, 15.9004 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 16.7359, 23.1614, 15.9004 by changing the saturation by 10% instead.

■ 16.7359, 23.1614,
15.9004

■ 16.7359, 23.1614,
15.9004

226.8319,
268.5529, 240.5789

■ 10.1405, 14.7127,
9.3001

■ 37.4184, 48.6582,
37.1896

■ 5.5552, 8.6180,
4.8380

■ 52.2361, 66.4751,
52.7156

■ 2.6146, 4.4929,
2.0954

■ 70.5254, 88.1836,
72.0539

■ 0.9534, 1.9529,
0.6130

■ 92.6516, 114.1680,
95.6230

■ 0.0000, 0.5799,
0.0000

118.9799,
144.8128, 123.8415

■ 0.0000, 0.0000,
0.0000

149.8759,

180.5022, 157.1280

185.7047,
221.6208, 195.9009

■ 16.7359, 23.1614,
15.9004

■ 16.7359, 23.1614,
15.9004

■ 14.8901, 22.2731,
12.9861

■ 18.9410, 24.2264,
19.2739

■ 13.3825, 21.5492,
10.5096

■ 21.5212, 25.4740,
23.1236

■ 12.1929, 20.9803,
8.4502


■ 24.4937, 26.9133,
27.4677


■ 11.2978, 20.5547,
6.7848


■ 27.8740, 28.5520,
32.3226


■ 10.6705, 20.2594,
5.4883


■ 31.6768, 30.3973,
37.7044


 10.2724, 20.0750,
4.5320

 35.9161, 32.4560,
43.6283

 10.1483, 20.0172,
4.2441

 40.6053, 34.7347,
50.1087

 45.7569, 37.2398,
57.1598

 51.3834, 39.9772,
64.7950

Harmonies

Analogous

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



19.0463, 23.1614, 11.3980



16.7359, 23.1614, 15.9004



15.8285, 23.1614, 24.1552

Triad

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



16.7359, 23.1614, 15.9004



21.6396, 23.1614, 50.4861



28.7476, 23.1614, 17.3144

Complementary

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



16.7359, 23.1614, 15.9004



19.7028, 15.3335, 24.8441

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.



29.6322, 23.1614, 26.3132



16.7359, 23.1614, 15.9004



25.2754, 23.1614, 47.2246

Square

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



16.7359, 23.1614, 15.9004



18.4600, 23.1614, 45.6043



28.2998, 23.1614, 37.6104



25.9977, 23.1614, 12.0453

Rectangle

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



16.7359, 23.1614, 15.9004



16.0590, 23.1614, 31.3848



28.2998, 23.1614, 37.6104



29.2850, 23.1614, 19.9184

Sweetspot

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



16.7365, 23.1624, 15.9009



40.4299, 46.1255, 44.4154



21.9513, 25.8989, 13.9676



9.1293, 10.5088, 9.9774



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



16.7365, 23.1624, 15.9009



26.9346, 39.6067, 23.9813



18.1967, 23.7465, 23.5902



5.3786, 6.0437, 5.9597



8.8435, 17.4333, 3.7301



0.0903, 0.1690, 0.0659

Inverse Universe

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



19.7028, 15.3335, 24.8441



32.9260, 23.7777, 42.0337



18.1078, 14.6955, 16.4450



5.5867, 5.4952, 6.5878



12.9271, 6.3279, 15.7994



0.1304, 0.0632, 0.1870

Previews

White Background



This preview shows how the XYZ color 16.7359, 23.1614, 15.9004 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 16.7359, 23.1614, 15.9004 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 16.7359, 23.1614, 15.9004

Background



This preview shows how black text looks on a background with the XYZ color 16.7359, 23.1614, 15.9004.



This preview shows how white text looks on a background with the XYZ color 16.7359, 23.1614,

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

16.7359, 23.1614, 15.9004

Protanopia

21.5179, 23.0978, 14.3905

Deuteranopia

23.3371, 22.8117, 16.5377



Tritanopia

19.9928, 23.1717, 31.8526

Trichromacy



Original Color

16.7359, 23.1614, 15.9004

Protanomaly

19.3209, 22.7752, 14.9330

Deuteranomaly

20.2463, 22.5998, 16.3918

Tritanomaly

18.5799, 23.0188, 25.2936

Monochromacy



Original Color

16.7359, 23.1614, 15.9004

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

17.9508, 20.9383, 19.6184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7359, 23.1614, 15.9004 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(92, 144, 101)` looks like.

```
.text, #text, p{  
    color:rgb(92, 144, 101)  
}
```

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(92, 144, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 144, 101) }
```

Border

The CSS property to change the border of an element to XYZ 16.7359, 23.1614, 15.9004 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(92, 144, 101) }
```


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

```
.border{ border-color:rgb(92, 144, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 144, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 144, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 144, 101);  
box-shadow:4px 4px 4px 4px rgb(92, 144,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7359, 23.1614, 15.9004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 144, 101) }
```

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

```
.background{ background-color: rgb(92, 144,  
101) }
```

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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