

Converting Colors

XYZ(17.1512, 23.3833, 15.8464)

Have a look what the booklet for
XYZ(17.1512, 23.3833, 15.8464)
contains.

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Color

**XYZ(17.1461, 23.3729,
15.9196)**

Conversions

Conversions Part 1

Format	Color
Hex	609065
RGB	96, 144, 101
RGB Percent	38%, 56%, 40%
CMY	0.6235, 0.4353, 0.6039
CMYK	0.33, 0.00, 0.30, 0.44
HSL	126°, 20%, 47%
HSV	126°, 33%, 56%
XYZ	17.1461, 23.3729, 15.9196
YIQ	124.7460, -14.8050, -23.5490

Conversions

Conversions Part 2

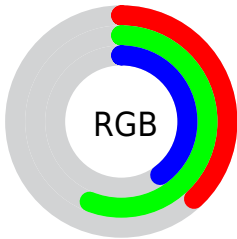
Format	Color
R_{YB}	96, 139, 144
Decimal	6328421
CIE _{Lab}	55.45, -25.48, 17.83
CIE _{LCh}	55, 31.098, 145.005
Yxy	23.3729, 0.3038, 0.4141
Android (android.graphics.Color)	4284518501 (0xFF609065)
YUV	124.7460, -11.7068, -25.2102
Hunter-Lab	48.3455, -21.2983, 14.3184

Details

The XYZ color **17.1461, 23.3729, 15.9196** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.3455, 16.1596, 26.4739**, and the grayscale version is **19.4498, 20.4627, 22.2838**.

A 20% lighter version of the original color is **38.0743, 48.9511, 37.1475**, and **5.7525, 8.6994, 4.8660** is the 20% darker color. If you saturate the color by 10%, you get **15.1844, 22.4297, 12.7835**, and if you desaturate by 10%, it is **19.4858, 24.5009, 19.5923**.

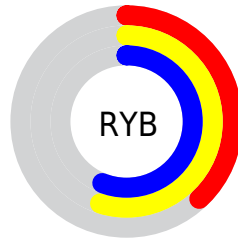
Distribution



Red (38%)

Green (56%)

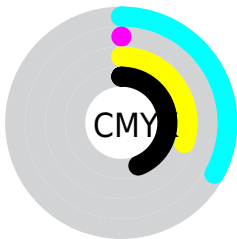
Blue (40%)



Red (38%)

Yellow (55%)

Blue (56%)

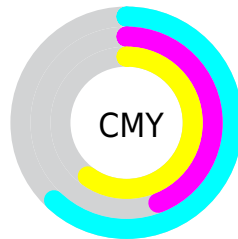


Cyan (33%)

Magenta (0%)

Yellow (30%)

Black (44%)



Cyan (62%)

Magenta (44%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1461, 23.3729, 15.9196 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 17.1461, 23.3729, 15.9196 by changing the saturation by 10% instead.

■ 17.1461, 23.3729,
15.9196

■ 17.1461, 23.3729,
15.9196

229.1528,
269.6345, 240.6963

■ 10.4347, 14.8691,
9.3135

■ 38.1184, 49.0049,
37.2234

■ 5.7526, 8.7276,
4.8467

■ 53.1100, 66.9019,
52.7583

■ 2.7344, 4.5639,
2.1004

■ 71.5923, 88.6987,
72.1064

■ 1.0149, 1.9937,
0.6160

■ 93.9308, 114.7798,
95.6865

■ 0.0000, 0.6038,
0.0000

120.4907,
145.5296, 123.9170

■ 0.0000, 0.0000,
0.0000

151.6374,

181.3323, 157.2164

187.7363,
222.5725, 196.0033

■ 17.1461, 23.3729,
15.9196

■ 17.1461, 23.3729,
15.9196

■ 15.1844, 22.4297,
12.7835

■ 19.4858, 24.5009,
19.5923

■ 13.5791, 21.6586,
10.1575

■ 22.2201, 25.8196,
23.8236

■ 12.3092, 21.0500,
8.0151


■ 25.3666, 27.3385,
28.6358


■ 11.3507, 20.5923,
6.3267


■ 28.9415, 29.0653,
34.0498


■ 10.6765, 20.2721,
5.0596


■ 32.9601, 31.0075,
40.0854


 10.2546, 20.0737,
4.1766

 37.4368, 33.1722,
46.7616

 10.0599, 19.9819,
3.7786

 42.3855, 35.5661,
54.0962

 47.8195, 38.1958,
62.1068

 53.7515, 41.0673,
70.8100

Harmonies

Analogous

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



19.4905, 23.3729, 11.6745



17.1461, 23.3729, 15.9196



16.1634, 23.3729, 23.8079

Triad

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



17.1461, 23.3729, 15.9196



21.6345, 23.3729, 49.8800



28.8887, 23.3729, 18.1412

Complementary

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



17.1461, 23.3729, 15.9196



20.3455, 16.1596, 26.4739

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.



29.6157, 23.3729, 27.1641



17.1461, 23.3729, 15.9196



25.1828, 23.3729, 47.2144

Square

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



17.1461, 23.3729, 15.9196



18.5753, 23.3729, 44.7262



28.1963, 23.3729, 38.1785



26.3022, 23.3729, 12.7012

Rectangle

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



17.1461, 23.3729, 15.9196



16.3289, 23.3729, 30.7720



28.1963, 23.3729, 38.1785



29.3694, 23.3729, 20.7785

Sweetspot

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



17.1467, 23.3739, 15.9201



40.8462, 46.3373, 44.5611



22.7664, 26.2984, 14.9427



9.2120, 10.5514, 9.9813



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.



17.1467, 23.3739, 15.9201



27.5899, 39.9482, 23.8503



18.4867, 23.9099, 22.9766



5.3643, 6.0379, 5.8843



8.7647, 17.4018, 3.3152



0.0874, 0.1678, 0.0507

Inverse Universe

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



20.3455, 16.1596, 26.4739



34.1217, 25.2081, 45.3943



18.7912, 15.5379, 18.2893



5.6024, 5.5015, 6.6702



13.4714, 6.5456, 18.6656



0.1333, 0.0644, 0.2022

Previews

White Background



This preview shows how the XYZ color 17.1461, 23.3729, 15.9196 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 17.1461, 23.3729, 15.9196 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 17.1461, 23.3729, 15.9196

Background



This preview shows how black text looks on a background with the XYZ color 17.1461, 23.3729, 15.9196.



This preview shows how white text looks on a background with the XYZ color 17.1461, 23.3729,

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

17.1461, 23.3729, 15.9196

Protanopia

21.5179, 23.0978, 14.3905

Deuteranopia

23.4656, 23.0687, 16.5805



Tritanopia

20.3390, 23.3501, 31.8688

Trichromacy



Original Color

17.1461, 23.3729, 15.9196

Protanomaly

19.4662, 22.8501, 14.9398

Deuteranomaly

20.5591, 22.7611, 16.4065

Tritanomaly

19.0224, 23.2469, 25.3143

Monochromacy



Original Color

17.1461, 23.3729, 15.9196

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.3431, 21.3409, 19.6754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1461, 23.3729, 15.9196 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(96, 144, 101)` looks like.

```
.text, #text, p{  
    color:rgb(96, 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(96, 144, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 144, 101) }
```

Border

The CSS property to change the border of an element to XYZ 17.1461, 23.3729, 15.9196 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(96, 144, 101) }
```


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

```
.border{ border-color:rgb(96, 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(96, 144, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 144, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 144, 101);  
box-shadow:4px 4px 4px 4px rgb(96, 144,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1461, 23.3729, 15.9196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 144, 101) }
```

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

```
.background{ background-color: rgb(96, 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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