

Converting Colors

XYZ(15.1973, 19.0496, 13.9423)

Have a look what the booklet for
XYZ(15.1973, 19.0496, 13.9423)
contains.

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Color

**XYZ(15.1973, 19.0496,
13.9423)**

Conversions

Conversions Part 1

Format	Color
Hex	658060
RGB	101, 128, 96
RGB Percent	40%, 50%, 38%
CMY	0.6039, 0.4980, 0.6235
CMYK	0.21, 0.00, 0.25, 0.50
HSL	111°, 14%, 44%
HSV	111°, 25%, 50%
XYZ	15.1973, 19.0496, 13.9423
YIQ	116.2790, -5.8200, -15.6760

Conversions

Conversions Part 2

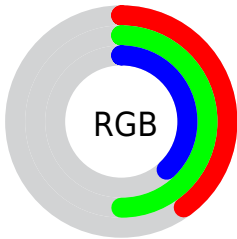
Format	Color
R_{YB}	96, 128, 123
Decimal	6652000
CIE _{Lab}	50.75, -16.31, 14.27
CIE _{LCh}	51, 21.675, 138.820
Yxy	19.0496, 0.3154, 0.3953
Android (android.graphics.Color)	4284842080 (0xFF658060)
YUV	116.2790, -9.9975, -13.3997
Hunter-Lab	43.6458, -14.2273, 11.6124

Details

The XYZ color **15.1973, 19.0496, 13.9423** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.2484, 14.1358, 22.2952**, and the grayscale version is **16.7175, 17.5881, 19.1535**.

A 20% lighter version of the original color is **34.7392, 41.8297, 33.8468**, and **4.8399, 6.5791, 4.0324** is the 20% darker color. If you saturate the color by 10%, you get **13.5246, 18.2505, 11.0342**, and if you desaturate by 10%, it is **17.1260, 19.9707, 17.3641**.

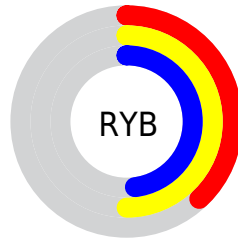
Distribution



Red (40%)

Green (50%)

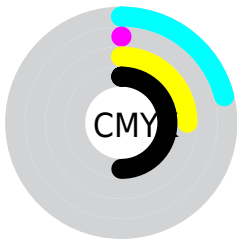
Blue (38%)



Red (38%)

Yellow (50%)

Blue (48%)

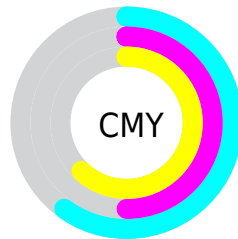


Cyan (21%)

Magenta (0%)

Yellow (25%)

Black (50%)



Cyan (60%)

Magenta (50%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1973, 19.0496, 13.9423 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 15.1973, 19.0496, 13.9423 by changing the saturation by 10% instead.

■ 15.1973, 19.0496,
13.9423

■ 15.1973, 19.0496,
13.9423

217.9221,
246.7224, 228.2875

■ 9.0452, 11.7061,
7.9423

■ 34.7678, 41.8179,
33.7023

■ 4.8280, 6.5439,
3.9708

■ 48.9168, 58.0115,
48.2993

■ 2.1804, 3.1785,
1.6093

■ 66.4622, 77.9239,
66.5990

■ 0.7324, 1.2256,
0.2975

■ 87.7693, 101.9396,
89.0200

■ 0.0000, 0.0825,
0.0000

113.2035,
130.4429, 115.9808

■ 0.0000, 0.0000,
0.0000

143.1302,

163.8182, 147.9000

177.9146,
202.4499, 185.1960

■ 15.1973, 19.0496,
13.9423

■ 15.1973, 19.0496,
13.9423

■ 13.5246, 18.2505,
11.0342

■ 17.1260, 19.9707,
17.3641

■ 12.0955, 17.5658,
8.6139

■ 19.3193, 21.0161,
21.3215

■ 10.8990, 16.9911,
6.6551

■ 21.7873, 22.1910,
25.8366

■ 9.9225, 16.5205,
5.1283

■ 24.5391, 23.4997,
30.9297

■ 9.1524, 16.1477,
4.0009

■ 27.5834, 24.9463,
36.6203

■ 8.5732, 15.8654,
3.2355

■ 30.9284, 26.5346,
42.9269

■ 8.1653, 15.6649,
2.7770

■ 34.5822, 28.2684,
49.8673

■ 8.0080, 15.5878,
2.5867

■ 38.5524, 30.1512,
57.4584

■ 42.8465, 32.1865,
65.7166

Harmonies

Analogous

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



16.8177, 19.0496, 11.5084



15.1973, 19.0496, 13.9423



14.3808, 19.0496, 18.5513

Triad

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



15.1973, 19.0496, 13.9423



17.3241, 19.0496, 34.4951



22.2625, 19.0496, 17.1859

Complementary

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



15.1973, 19.0496, 13.9423



16.2484, 14.1358, 22.2952

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.



22.4249, 19.0496, 23.0982



15.1973, 19.0496, 13.9423



19.4586, 19.0496, 33.9308

Square

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



15.1973, 19.0496, 13.9423



15.5430, 19.0496, 30.8727



21.3642, 19.0496, 29.4553



20.9365, 19.0496, 13.1119

Rectangle

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



15.1973, 19.0496, 13.9423



14.3557, 19.0496, 22.5913



21.3642, 19.0496, 29.4553



22.4586, 19.0496, 18.9960

Sweetspot

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



15.1978, 19.0504, 13.9427



32.7321, 36.3900, 35.2154



18.0560, 19.5180, 13.8823



7.5419, 8.4619, 8.0251



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.



15.1978, 19.0504, 13.9427



25.0269, 32.7128, 21.5258



15.1800, 18.9806, 16.6822



4.3338, 4.8485, 4.6276



7.9409, 15.4561, 2.5648



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.2484, 14.1358, 22.2952



27.2054, 22.5079, 38.8668



16.3162, 14.2477, 18.8234



4.4343, 4.3795, 5.4249



9.9972, 4.7075, 20.6317



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1973, 19.0496, 13.9423 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 15.1973, 19.0496, 13.9423 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 15.1973, 19.0496, 13.9423

Background



This preview shows how black text looks on a background with the XYZ color 15.1973, 19.0496, 13.9423.



This preview shows how white text looks on a background with the XYZ color 15.1973, 19.0496,

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

15.1973, 19.0496, 13.9423

Protanopia

17.7015, 18.8728, 12.8351

Deuteranopia

19.3127, 18.9671, 14.4475



Tritanopia

17.3800, 18.9852, 24.9388

Trichromacy



Original Color

15.1973, 19.0496, 13.9423

Protanomaly

16.6665, 18.8782, 13.1214

Deuteranomaly

17.5253, 18.7504, 14.2508

Tritanomaly

16.5495, 19.0266, 20.5695

Monochromacy



Original Color

15.1973, 19.0496, 13.9423

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.0323, 17.9166, 17.0812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1973, 19.0496, 13.9423 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(101, 128, 96)` looks like.

```
.text, #text, p{  
    color:rgb(101, 128, 96)  
}
```

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(101, 128, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 128, 96) }
```

Border

The CSS property to change the border of an element to XYZ 15.1973, 19.0496, 13.9423 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(101, 128, 96) }
```


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

```
.border{ border-color:rgb(101, 128, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 128, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 128, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 128, 96);  
box-shadow:4px 4px 4px 4px rgb(101, 128,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1973, 19.0496, 13.9423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 128, 96) }
```

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

```
.background{ background-color: rgb(101,  
128, 96) }
```

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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