

Converting Colors

XYZ(15.3171, 19.7859, 10.2195)

Have a look what the booklet for
XYZ(15.3171, 19.7859, 10.2195)
contains.

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Color

**XYZ(15.3171, 19.7859,
10.2195)**

Conversions

Conversions Part 1

Format	Color
Hex	69834E
RGB	105, 131, 78
RGB Percent	41%, 51%, 31%
CMY	0.5882, 0.4863, 0.6941
CMYK	0.20, 0.00, 0.40, 0.49
HSL	89°, 25%, 41%
HSV	89°, 40%, 51%
XYZ	15.3171, 19.7859, 10.2195
YIQ	117.1840, 1.5170, -21.9950

Conversions

Conversions Part 2

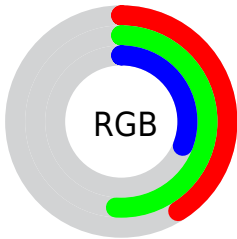
Format	Color
R_{YB}	78, 131, 104
Decimal	6914894
CIE _{Lab}	51.59, -19.26, 25.65
CIE _{LCh}	52, 32.078, 126.904
Yxy	19.7859, 0.3380, 0.4366
Android (android.graphics.Color)	4285104974 (0xFF69834E)
YUV	117.1840, -19.3177, -10.6854
Hunter-Lab	44.4813, -16.3761, 17.5152

Details

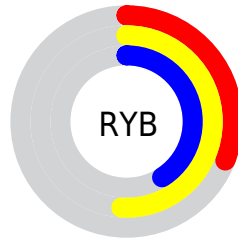
The XYZ color **15.3171, 19.7859, 10.2195** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **12.5309, 10.0311, 22.7496**, and the grayscale version is **17.0237, 17.9103, 19.5043**.

A 20% lighter version of the original color is **34.9414, 43.0076, 26.8818**, and **4.8340, 6.8299, 2.4300** is the 20% darker color. If you saturate the color by 10%, you get **14.1670, 19.2426, 7.9536**, and if you desaturate by 10%, it is **16.6189, 20.3978, 12.9819**.

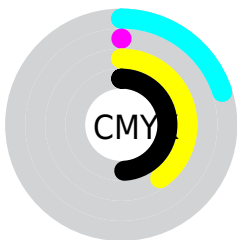
Distribution



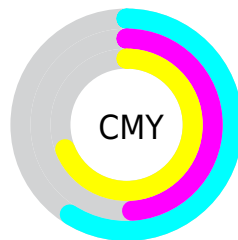
- Red (41%)
- Green (51%)
- Blue (31%)



- Red (31%)
- Yellow (51%)
- Blue (41%)



- Cyan (20%)
- Magenta (0%)
- Yellow (40%)
- Black (49%)



- Cyan (59%)
- Magenta (49%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3171, 19.7859, 10.2195 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 15.3171, 19.7859, 10.2195 by changing the saturation by 10% instead.

■ 15.3171, 19.7859,
10.2195

■ 15.3171, 19.7859,
10.2195

218.6281,
250.7537, 202.7730

■ 9.1300, 12.2395,
5.4372

■ 34.9756, 43.0579,
26.8218

■ 4.8839, 6.9070,
2.4428

■ 49.1778, 59.5524,
39.4789

■ 2.2133, 3.4040,
0.8096

■ 66.7823, 79.7983,
55.5980

■ 0.7498, 1.3461,
0.0000

■ 88.1545, 104.1801,
75.5977

■ 0.0000, 0.1765,
0.0000

■ 113.6599,
133.0821, 99.8965

■ 0.0000, 0.0000,
0.0000

143.6637,

166.8888, 128.9130

178.5313,
205.9845, 163.0656

■ 15.3171, 19.7859,
10.2195

■ 15.3171, 19.7859,
10.2195

■ 14.1670, 19.2426,
7.9536

■ 16.6189, 20.3978,
12.9819

■ 13.1602, 18.7624,
6.1532

■ 18.0771, 21.0784,
16.2664

■ 12.2898, 18.3430,
4.7864


■ 19.6983, 21.8310,
20.0986


■ 11.5474, 17.9810,
3.8161


■ 21.4881, 22.6580,
24.5020


■ 10.9235, 17.6724,
3.1995


■ 23.4517, 23.5617,
29.4987

 10.4131, 17.4172,
2.8130

 25.5941, 24.5443,
35.1096

 27.9203, 25.6076,
41.3547

 30.4348, 26.7538,
48.2528

 33.1421, 27.9847,
55.8223

Harmonies

Analogous

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



18.0690, 19.7859, 8.2692



15.3171, 19.7859, 10.2195



13.6513, 19.7859, 15.2915

Triad

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



15.3171, 19.7859, 10.2195



16.4730, 19.7859, 42.4002



25.6711, 19.7859, 19.4749

Complementary

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



15.3171, 19.7859, 10.2195



12.5309, 10.0311, 22.7496

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.



25.1179, 19.7859, 29.3023



15.3171, 19.7859, 10.2195



19.5626, 19.7859, 44.4695

Square

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



15.3171, 19.7859, 10.2195



14.2633, 19.7859, 34.0887



22.7879, 19.7859, 39.1295



24.2231, 19.7859, 12.5295

Rectangle

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



15.3171, 19.7859, 10.2195



13.2603, 19.7859, 20.5970



22.7879, 19.7859, 39.1295



25.7154, 19.7859, 22.5185

Sweetspot

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



15.3176, 19.7868, 10.2199



34.7236, 38.8378, 34.6676



15.6478, 15.1997, 9.3171



8.0105, 9.0080, 7.8948



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.3176, 19.7868, 10.2199



25.4322, 34.4877, 14.3618



12.7068, 18.4409, 10.0977



4.8256, 5.3127, 5.0005



10.2526, 17.1454, 2.7690



0.0439, 0.0637, 0.0100

Inverse Universe

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



12.5309, 10.0311, 22.7496



19.6885, 14.3778, 40.1906



16.0458, 11.8431, 22.9141



4.6358, 4.6484, 5.8536



6.1343, 2.6965, 21.3339



0.0296, 0.0137, 0.0743

Previews

White Background



This preview shows how the XYZ color 15.3171, 19.7859, 10.2195 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 15.3171, 19.7859, 10.2195 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 15.3171, 19.7859, 10.2195

Background



This preview shows how black text looks on a background with the XYZ color 15.3171, 19.7859, 10.2195.



This preview shows how white text looks on a background with the XYZ color 15.3171, 19.7859,

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

15.3171, 19.7859, 10.2195

Protanopia

18.1845, 19.7423, 9.5088

Deuteranopia

19.8791, 19.5197, 10.5045



Tritanopia

18.3208, 19.6472, 25.3809

Trichromacy



Original Color

15.3171, 19.7859, 10.2195

Protanomaly

16.9337, 19.6545, 9.7387

Deuteranomaly

17.9232, 19.4038, 10.3901

Tritanomaly

17.0570, 19.7086, 18.8247

Monochromacy



Original Color

15.3171, 19.7859, 10.2195

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.2178, 18.4091, 15.5305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3171, 19.7859, 10.2195 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(105, 131, 78)` looks like.

```
.text, #text, p{  
    color:rgb(105, 131, 78)  
}
```

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(105, 131, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 131, 78) }
```

Border

The CSS property to change the border of an element to XYZ 15.3171, 19.7859, 10.2195 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(105, 131, 78) }
```


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

```
.border{ border-color:rgb(105, 131, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 131, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 131, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 131, 78);  
box-shadow:4px 4px 4px 4px rgb(105, 131,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3171, 19.7859, 10.2195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 131, 78) }
```

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

```
.background{ background-color: rgb(105,  
131, 78) }
```

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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