

Converting Colors

XYZ(15.5795, 20.1765, 10.4696)

Have a look what the booklet for
XYZ(15.5795, 20.1765, 10.4696)
contains.

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Color

**XYZ(15.4882, 20.0703,
10.4548)**

Conversions

Conversions Part 1

Format	Color
Hex	69844F
RGB	105, 132, 79
RGB Percent	41%, 52%, 31%
CMY	0.5882, 0.4823, 0.6902
CMYK	0.20, 0.00, 0.40, 0.48
HSL	91°, 25%, 41%
HSV	91°, 40%, 52%
XYZ	15.4882, 20.0703, 10.4548
YIQ	117.8850, 0.9210, -22.2070

Conversions

Conversions Part 2

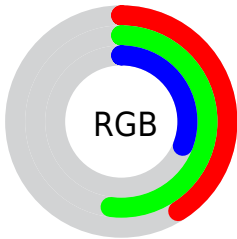
Format	Color
RYB	79, 132, 106
Decimal	6915151
CIELab	51.92, -19.64, 25.51
CIELCh	52, 32.200, 127.591
Yxy	20.0703, 0.3366, 0.4362
Android (android.graphics.Color)	4285105231 (0xFF69844F)
YUV	117.8850, -19.1703, -11.3001
Hunter-Lab	44.7999, -16.6889, 17.5236

Details

The XYZ color **15.4882, 20.0703, 10.4548** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **12.9057, 10.3227, 23.1432**, and the grayscale version is **17.2422, 18.1401, 19.7546**.

A 20% lighter version of the original color is **35.2160, 43.4510, 27.2997**, and **4.9227, 6.9851, 2.5277** is the 20% darker color. If you saturate the color by 10%, you get **14.2959, 19.5064, 8.1352**, and if you desaturate by 10%, it is **16.8395, 20.7064, 13.2808**.

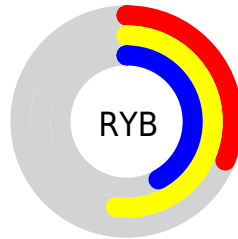
Distribution



Red (41%)

Green (52%)

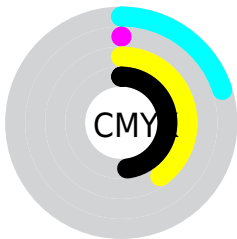
Blue (31%)



Red (31%)

Yellow (52%)

Blue (42%)

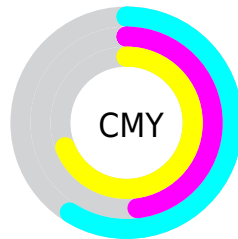


Cyan (20%)

Magenta (0%)

Yellow (40%)

Black (48%)



Cyan (59%)

Magenta (48%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4882, 20.0703, 10.4548 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 15.4882, 20.0703, 10.4548 by changing the saturation by 10% instead.

■ 15.4882, 20.0703,
10.4548

■ 15.4882, 20.0703,
10.4548

219.6327,
252.2954, 204.4893

■ 9.2513, 12.4462,
5.5920

■ 35.2721, 43.5350,
27.2686

■ 4.9639, 7.0483,
2.5339

■ 49.5497, 60.1444,
40.0566

■ 2.2606, 3.4923,
0.8580

■ 67.2383, 80.5176,
56.3235

■ 0.7744, 1.3938,
0.0000

■ 88.7031, 105.0391,
76.4877

■ 0.0000, 0.2122,
0.0000

■ 114.3097,
134.0932, 100.9679

■ 0.0000, 0.0000,
0.0000

144.4232,

168.0644, 130.1825

179.4091,
207.3370, 164.5501

■ 15.4882, 20.0703,
10.4548

■ 15.4882, 20.0703,
10.4548

■ 14.2959, 19.5064,
8.1352

■ 16.8395, 20.7064,
13.2808

■ 13.2539, 19.0089,
6.2908

■ 18.3548, 21.4148,
16.6393

■ 12.3549, 18.5756,
4.8887


■ 20.0408, 22.1990,
20.5565


■ 11.5903, 18.2027,
3.8917


■ 21.9034, 23.0615,
25.0560


■ 10.9503, 17.8862,
3.2560


■ 23.9480, 24.0047,
30.1606

 10.4151, 17.6187,
2.8518

 26.1800, 25.0308,
35.8913

 28.6043, 26.1420,
42.2685

 31.2259, 27.3403,
49.3116

 34.0493, 28.6277,
57.0391

Harmonies

Analogous

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



18.2567, 20.0703, 8.4117



15.4882, 20.0703, 10.4548



13.8285, 20.0703, 15.6760

Triad

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



15.4882, 20.0703, 10.4548



16.7758, 20.0703, 43.1153



26.0208, 20.0703, 19.5572

Complementary

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



15.4882, 20.0703, 10.4548



12.9057, 10.3227, 23.1432

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.



25.5074, 20.0703, 29.4711



15.4882, 20.0703, 10.4548



19.9199, 20.0703, 45.0360

Square

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



15.4882, 20.0703, 10.4548



14.5105, 20.0703, 34.7982



23.1795, 20.0703, 39.4766



24.5114, 20.0703, 12.5975

Rectangle

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



15.4882, 20.0703, 10.4548



13.4529, 20.0703, 21.1041



23.1795, 20.0703, 39.4766



26.0818, 20.0703, 22.6197

Sweetspot

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



15.4887, 20.0712, 10.4552



34.6459, 38.7978, 34.6640



16.0305, 15.6761, 9.5784



7.9910, 8.9979, 7.8939



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.



15.4887, 20.0712, 10.4552



25.3947, 34.4603, 14.7295



12.8876, 18.7303, 10.3335



4.8176, 5.3085, 5.0001



10.0901, 17.0616, 2.7614



0.0433, 0.0634, 0.0100

Inverse Universe

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



12.9057, 10.3227, 23.1432



20.1976, 14.8484, 40.2546



16.4774, 12.1640, 23.3104



4.6438, 4.6525, 5.8540



6.2969, 2.7803, 21.3415



0.0302, 0.0140, 0.0743

Previews

White Background



This preview shows how the XYZ color 15.4882, 20.0703, 10.4548 looks on a white background.

Color Contrast Check

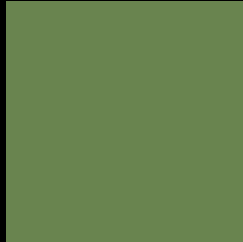
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4882, 20.0703, 10.4548 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 15.4882, 20.0703, 10.4548

Background



This preview shows how black text looks on a background with the XYZ color 15.4882, 20.0703, 10.4548.



This preview shows how white text looks on a background with the XYZ color 15.4882, 20.0703,

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

15.4882, 20.0703, 10.4548

Protanopia

18.3791, 19.8386, 9.6980

Deuteranopia

20.2142, 19.8620, 10.7510



Tritanopia

18.5168, 19.9272, 25.7921

Trichromacy



Original Color

15.4882, 20.0703, 10.4548

Protanomaly

17.1126, 19.7426, 9.9300

Deuteranomaly

18.0839, 19.6655, 10.6273

Tritanomaly

17.2441, 19.9911, 19.1695

Monochromacy



Original Color

15.4882, 20.0703, 10.4548

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.3917, 18.6761, 15.8376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4882, 20.0703, 10.4548 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, 132, 79)` looks like.

```
.text, #text, p{  
    color:rgb(105, 132, 79)  
}
```

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, 132, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 132, 79) }
```

Border

The CSS property to change the border of an element to XYZ 15.4882, 20.0703, 10.4548 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, 132, 79) }
```


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

```
.border{ border-color:rgb(105, 132, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 132, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 132, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 132, 79);  
box-shadow:4px 4px 4px 4px rgb(105, 132,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4882, 20.0703, 10.4548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 132, 79) }
```

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

```
.background{ background-color: rgb(105,  
132, 79) }
```

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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