

Converting Colors

XYZ(15.6217, 19.9077, 11.8233)

Have a look what the booklet for
XYZ(15.6217, 19.9077, 11.8233)
contains.

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Color

**XYZ(15.6217, 19.9077,
11.8233)**

Conversions

Conversions Part 1

Format	Color
Hex	698356
RGB	105, 131, 86
RGB Percent	41%, 51%, 34%
CMY	0.5882, 0.4863, 0.6627
CMYK	0.20, 0.00, 0.34, 0.49
HSL	95°, 21%, 43%
HSV	95°, 34%, 51%
XYZ	15.6217, 19.9077, 11.8233
YIQ	118.0960, -1.0510, -19.5070

Conversions

Conversions Part 2

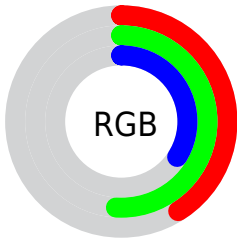
Format	Color
R_{YB}	86, 131, 112
Decimal	6914902
CIE _{Lab}	51.73, -18.07, 21.36
CIE _{LCh}	52, 27.980, 130.221
Yxy	19.9077, 0.3299, 0.4204
Android (android.graphics.Color)	4285104982 (0xFF698356)
YUV	118.0960, -15.8233, -11.4852
Hunter-Lab	44.6180, -15.5850, 15.5214

Details

The XYZ color **15.6217, 19.9077, 11.8233** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.1074, 11.7395, 22.9962**, and the grayscale version is **17.2986, 18.1995, 19.8193**.

A 20% lighter version of the original color is **35.4891, 43.2267, 29.7657**, and **5.0128, 6.9079, 3.0766** is the 20% darker color. If you saturate the color by 10%, you get **14.2918, 19.2782, 9.2539**, and if you desaturate by 10%, it is **17.1285, 20.6184, 14.9068**.

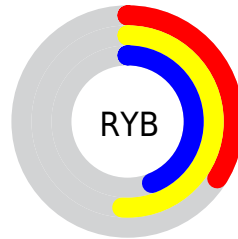
Distribution



Red (41%)

Green (51%)

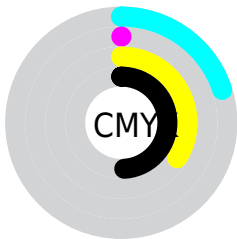
Blue (34%)



Red (34%)

Yellow (51%)

Blue (44%)

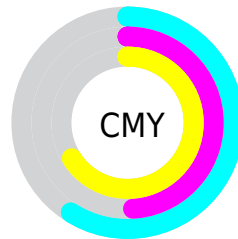


Cyan (20%)

Magenta (0%)

Yellow (34%)

Black (49%)



Cyan (59%)

Magenta (49%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6217, 19.9077, 11.8233 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 15.6217, 19.9077, 11.8233 by changing the saturation by 10% instead.

■ 15.6217, 19.9077,
11.8233

■ 15.6217, 19.9077,
11.8233

220.4135,
251.4150, 214.1682

■ 9.3460, 12.3280,
6.5024

■ 35.5030, 43.2624,
29.8324

■ 5.0265, 6.9675,
3.0792

■ 49.8393, 59.8061,
43.3578

■ 2.2977, 3.4418,
1.1352

■ 67.5931, 80.1067,
60.4550

■ 0.7935, 1.3665,
0.0000

■ 89.1299, 104.5484,
81.5426

■ 0.0000, 0.1918,
0.0000

■ 114.8150,
133.5157, 107.0392

■ 0.0000, 0.0000,
0.0000

145.0137,

167.3929, 137.3633

180.0915,
206.5646, 172.9334

■ 15.6217, 19.9077,
11.8233

■ 15.6217, 19.9077,
11.8233

■ 14.2918, 19.2782,
9.2539

■ 17.1285, 20.6184,
14.9068

■ 13.1300, 18.7242,
7.1695

■ 18.8177, 21.4108,
18.5291

■ 12.1289, 18.2432,
5.5398

■ 20.6961, 22.2884,
22.7147

■ 11.2797, 17.8313,
4.3306

■ 22.7699, 23.2541,
27.4862

■ 10.5727, 17.4844,
3.5030

■ 25.0449, 24.3102,
32.8650

■ 9.9956, 17.1973,
3.0051

■ 27.5268, 25.4592,
38.8715

■ 9.7092, 17.0543,
2.7801

■ 30.2208, 26.7036,
45.5250

■ 33.1321, 28.0454,
52.8440

■ 36.2657, 29.4870,
60.8465

Harmonies

Analogous

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



17.9727, 19.9077, 9.6743



15.6217, 19.9077, 11.8233



14.2503, 19.9077, 16.8197

Triad

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



15.6217, 19.9077, 11.8233



17.1398, 19.9077, 39.8909



24.7963, 19.9077, 19.0274

Complementary

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



15.6217, 19.9077, 11.8233



14.1074, 11.7395, 22.9962

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.



24.5164, 19.9077, 27.3874



15.6217, 19.9077, 11.8233



19.9035, 19.9077, 40.9085

Square

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



15.6217, 19.9077, 11.8233



15.0643, 19.9077, 33.3735



22.6564, 19.9077, 35.8816



23.3870, 19.9077, 13.0917

Rectangle

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



15.6217, 19.9077, 11.8233



13.9863, 19.9077, 21.7362



22.6564, 19.9077, 35.8816



24.8998, 19.9077, 21.6162

Sweetspot

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



15.6222, 19.9086, 11.8237



35.0413, 38.9692, 36.1443



16.7797, 16.9762, 11.1967



8.0655, 9.0294, 8.2093



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.



15.6222, 19.9086, 11.8237



26.1374, 34.7804, 17.5967



13.7578, 18.9332, 12.3809



4.7889, 5.2937, 4.9988



9.5597, 16.7881, 2.7366



0.0412, 0.0623, 0.0099

Inverse Universe

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



14.1074, 11.7395, 22.9962



23.0024, 17.8904, 40.6940



16.5849, 13.0399, 22.0659



4.6729, 4.6675, 5.8554



6.9456, 3.1147, 21.3718



0.0324, 0.0151, 0.0744

Previews

White Background



This preview shows how the XYZ color 15.6217, 19.9077, 11.8233 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 15.6217, 19.9077, 11.8233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

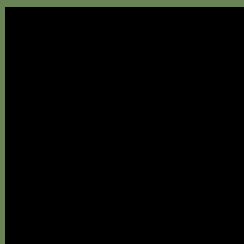
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.6217, 19.9077, 11.8233

Background



This preview shows how black text looks on a background with the XYZ color 15.6217, 19.9077, 11.8233.



This preview shows how white text looks on a background with the XYZ color 15.6217, 19.9077,

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

15.6217, 19.9077, 11.8233

Protanopia

18.3172, 19.7770, 11.0355

Deuteranopia

20.1357, 19.7891, 12.2096



Tritanopia

18.3889, 19.8612, 25.7861

Trichromacy



Original Color

15.6217, 19.9077, 11.8233

Protanomaly

17.2295, 19.7728, 11.2959

Deuteranomaly

18.2045, 19.6958, 12.0747

Tritanomaly

17.1069, 19.7143, 19.7332

Monochromacy



Original Color

15.6217, 19.9077, 11.8233

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.4945, 18.7172, 16.3791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6217, 19.9077, 11.8233 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, 86)` looks like.

```
.text, #text, p{  
    color:rgb(105, 131, 86)  
}
```

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, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 131, 86) }
```

Border

The CSS property to change the border of an element to XYZ 15.6217, 19.9077, 11.8233 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, 86) }
```


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

```
.border{ border-color:rgb(105, 131, 86) }
```

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, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 131, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 131, 86);  
box-shadow:4px 4px 4px 4px rgb(105, 131,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6217, 19.9077, 11.8233 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, 86) }
```

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

```
.background{ background-color: rgb(105,  
131, 86) }
```

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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