

Converting Colors

XYZ(11.6546, 18.1954, 8.1502)

Have a look what the booklet for
XYZ(11.6546, 18.1954, 8.1502)
contains.

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Color

**XYZ(11.6483, 18.1367,
8.1970)**

Conversions

Conversions Part 1

Format	Color
Hex	448443
RGB	68, 132, 67
RGB Percent	27%, 52%, 26%
CMY	0.7333, 0.4823, 0.7372
CMYK	0.48, 0.00, 0.49, 0.48
HSL	119°, 33%, 39%
HSV	119°, 49%, 52%
XYZ	11.6483, 18.1367, 8.1970
YIQ	105.4540, -17.2790, -33.7830

Conversions

Conversions Part 2

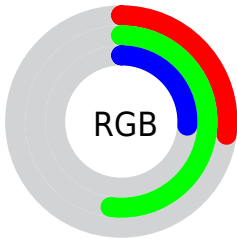
Format	Color
RYB	67, 132, 131
Decimal	4490307
CIELab	49.66, -34.67, 28.76
CIELCh	50, 45.043, 140.319
Yxy	18.1367, 0.3067, 0.4775
Android (android.graphics.Color)	4282680387 (0xFF448443)
YUV	105.4540, -18.9578, -32.8472
Hunter-Lab	42.5872, -25.7049, 18.3992

Details

The XYZ color **11.6483, 18.1367, 8.1970** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.5329, 10.5061, 23.0399**, and the grayscale version is **13.6043, 14.3128, 15.5866**.

A 20% lighter version of the original color is **28.5964, 40.4437, 22.8222**, and **3.2653, 6.1468, 1.7238** is the 20% darker color. If you saturate the color by 10%, you get **10.4886, 17.5800, 6.3061**, and if you desaturate by 10%, it is **13.1003, 18.8346, 10.5736**.

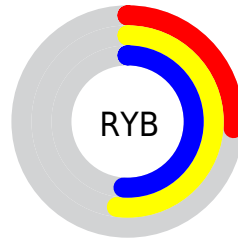
Distribution



Red (27%)

Green (52%)

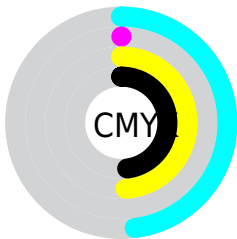
Blue (26%)



Red (26%)

Yellow (52%)

Blue (51%)

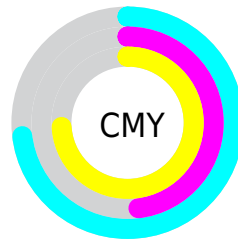


Cyan (48%)

Magenta (0%)

Yellow (49%)

Black (48%)



Cyan (73%)

Magenta (48%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6483, 18.1367, 8.1970 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 11.6483, 18.1367, 8.1970 by changing the saturation by 10% instead.

■ 11.6483, 18.1367,
8.1970

■ 11.6483, 18.1367,
8.1970

195.8807,
241.6404, 187.2610

■ 6.5752, 11.0482,
4.1317

■ 28.4754, 40.2701,
22.8963

■ 3.2418, 6.0992,
1.6979

■ 40.9600, 56.0838,
34.3673

■ 1.2829, 2.9055,
0.3593

■ 56.6458, 75.5747,
49.1440

■ 0.1704, 1.0826,
0.0000

■ 75.8983, 99.1271,
67.6448

■ 0.0000, 0.0000,
0.0000

■ 99.0826, 127.1255,
90.2884

126.5642,

159.9543, 117.4933

158.7084,
197.9978, 149.6780

■ 11.6483, 18.1367,
8.1970

■ 11.6483, 18.1367,
8.1970

■ 10.4886, 17.5800,
6.3061

■ 13.1003, 18.8346,
10.5736

■ 9.6000, 17.1529,
4.8664

■ 14.8609, 19.6801,
13.4650

■ 8.9611, 16.8456,
3.8406


■ 16.9471, 20.6818,
16.8993


■ 8.5461, 16.6457,
3.1852


■ 19.3742, 21.8469,
20.9024


■ 8.2948, 16.5249,
2.7812


■ 22.1564, 23.1823,
25.4983

 8.2770, 16.5163,
2.7517

 25.3071, 24.6945,
30.7098

 28.8393, 26.3896,
36.5585

 32.7649, 28.2734,
43.0649

 37.0958, 30.3515,
50.2485

Harmonies

Analogous

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



14.5354, 18.1367, 4.8650



11.6483, 18.1367, 8.1970



10.3314, 18.1367, 16.0433

Triad

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



11.6483, 18.1367, 8.1970



15.8911, 18.1367, 53.2881



26.1659, 18.1367, 12.6414

Complementary

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



11.6483, 18.1367, 8.1970



15.5329, 10.5061, 23.0399

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.



26.6910, 18.1367, 23.9826



11.6483, 18.1367, 8.1970



20.2573, 18.1367, 51.1256

Square

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



11.6483, 18.1367, 8.1970



12.4991, 18.1367, 44.0105



24.3802, 18.1367, 38.9456



23.0457, 18.1367, 6.5948

Rectangle

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



11.6483, 18.1367, 8.1970



10.3428, 18.1367, 24.2783



24.3802, 18.1367, 38.9456



26.6697, 18.1367, 15.8192

Sweetspot

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



11.6487, 18.1375, 8.1974



31.4486, 37.1963, 32.4002



18.6347, 21.5219, 8.4825



7.1474, 8.5763, 7.2557



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.



11.6487, 18.1375, 8.1974



18.2842, 30.8743, 10.7980



12.7909, 18.5863, 14.5726



4.6224, 5.2079, 4.9910



8.0143, 15.9915, 2.6643



0.0282, 0.0556, 0.0092

Inverse Universe

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



15.5329, 10.5061, 23.0399



25.9563, 15.7892, 40.1327



13.8521, 9.8517, 13.3772



4.8510, 4.7593, 5.8637



12.9424, 6.2062, 21.6525



0.0454, 0.0218, 0.0750

Previews

White Background



This preview shows how the XYZ color 11.6483, 18.1367, 8.1970 looks on a white 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

Black Background



This preview shows how the XYZ color 11.6483, 18.1367, 8.1970 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 11.6483, 18.1367, 8.1970

Background



This preview shows how black text looks on a background with the XYZ color 11.6483, 18.1367, 8.1970.



This preview shows how white text looks on a background with the XYZ color 11.6483, 18.1367,

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

11.6483, 18.1367, 8.1970

Protanopia

16.5539, 18.0505, 7.1690

Deuteranopia

18.1192, 17.8070, 8.6130



Tritanopia

15.1865, 18.2103, 25.6362

Trichromacy



Original Color

11.6483, 18.1367, 8.1970

Protanomaly

14.0718, 17.6619, 7.5179

Deuteranomaly

14.7725, 17.2807, 8.3513

Tritanomaly

13.5942, 18.1419, 17.5371

Monochromacy



Original Color

11.6483, 18.1367, 8.1970

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

12.4327, 15.2921, 12.1939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6483, 18.1367, 8.1970 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(68, 132, 67)` looks like.

```
.text, #text, p{  
    color:rgb(68, 132, 67)  
}
```

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(68, 132, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 132, 67) }
```

Border

The CSS property to change the border of an element to XYZ 11.6483, 18.1367, 8.1970 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(68, 132, 67) }
```


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

```
.border{ border-color:rgb(68, 132, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 132, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 132, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 132, 67);  
box-shadow:4px 4px 4px 4px rgb(68, 132,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6483, 18.1367, 8.1970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 132, 67) }
```

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

```
.background{ background-color: rgb(68, 132,  
67) }
```

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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