

Converting Colors

XYZ(16.3573, 20.8697, 13.0637)

Have a look what the booklet for
XYZ(16.3573, 20.8697, 13.0637)
contains.

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Color

**XYZ(16.3573, 20.8697,
13.0637)**

Conversions

Conversions Part 1

Format	Color
Hex	6A865B
RGB	106, 134, 91
RGB Percent	42%, 53%, 36%
CMY	0.5843, 0.4745, 0.6431
CMYK	0.21, 0.00, 0.32, 0.47
HSL	99°, 19%, 44%
HSV	99°, 32%, 53%
XYZ	16.3573, 20.8697, 13.0637
YIQ	120.7260, -2.8850, -19.3090

Conversions

Conversions Part 2

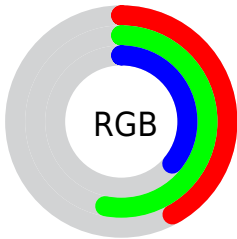
Format	Color
R_{YB}	91, 134, 119
Decimal	6981211
CIE _{Lab}	52.81, -18.46, 19.99
CIE _{LCh}	53, 27.211, 132.727
Yxy	20.8697, 0.3253, 0.4150
Android (android.graphics.Color)	4285171291 (0xFF6A865B)
YUV	120.7260, -14.6549, -12.9147
Hunter-Lab	45.6834, -16.0325, 15.0237

Details

The XYZ color **16.3573, 20.8697, 13.0637** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.6528, 13.1260, 24.2639**, and the grayscale version is **18.1324, 19.0767, 20.7746**.

A 20% lighter version of the original color is **36.6786, 44.7328, 31.9004**, and **5.3889, 7.4296, 3.6327** is the 20% darker color. If you saturate the color by 10%, you get **14.8455, 20.1519, 10.2403**, and if you desaturate by 10%, it is **18.0790, 21.6850, 16.4367**.

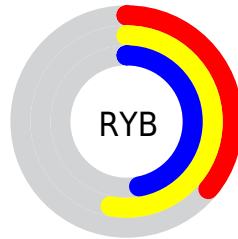
Distribution



Red (42%)

Green (53%)

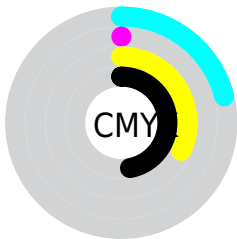
Blue (36%)



Red (36%)

Yellow (53%)

Blue (47%)

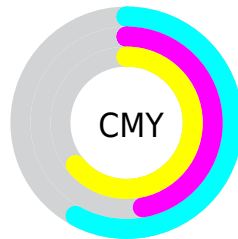


Cyan (21%)

Magenta (0%)

Yellow (32%)

Black (47%)



Cyan (58%)

Magenta (47%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3573, 20.8697, 13.0637 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 16.3573, 20.8697, 13.0637 by changing the saturation by 10% instead.

■ 16.3573, 20.8697,
13.0637

■ 16.3573, 20.8697,
13.0637

224.6701,
256.5852, 222.5477

■ 9.8698, 13.0288,
7.3412

■ 36.7698, 44.8706,
32.1110

■ 5.3743, 7.4484,
3.5947

■ 51.4256, 61.7993,
46.2729

■ 2.5055, 3.7441,
1.4057

■ 69.5348, 82.5262,
64.0851

■ 0.8980, 1.5314,
0.1462

■ 91.4628, 107.4355,
85.9659

■ 0.0000, 0.3107,
0.0000

117.5750,
136.9116, 112.3341

■ 0.0000, 0.0000,
0.0000

148.2367,

171.3390, 143.6080

183.8133,
211.1021, 180.2064

■ 16.3573, 20.8697,
13.0637

■ 16.3573, 20.8697,
13.0637

■ 14.8455, 20.1519,
10.2403

■ 18.0790, 21.6850,
16.4367

■ 13.5332, 19.5251,
7.9360

■ 20.0171, 22.5988,
20.3849

■ 12.4119, 18.9860,
6.1195


■ 22.1798, 23.6152,
24.9339


■ 11.4713, 18.5303,
4.7555


■ 24.5742, 24.7376,
30.1074


■ 10.7002, 18.1531,
3.8041


■ 27.2074, 25.9689,
35.9277


 10.0859, 17.8487,
3.2182

 30.0858, 27.3122,
42.4161

 9.6859, 17.6492,
2.8961

 33.2159, 28.7702,
49.5929

 36.6038, 30.3457,
57.4776

 40.2553, 32.0413,
66.0889

Harmonies

Analogous

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



18.6573, 20.8697, 10.6291



16.3573, 20.8697, 13.0637



15.0658, 20.8697, 18.3897

Triad

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



16.3573, 20.8697, 13.0637



18.2586, 20.8697, 41.1643



25.6526, 20.8697, 19.4498

Complementary

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



16.3573, 20.8697, 13.0637



15.6528, 13.1260, 24.2639

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.



25.5198, 20.8697, 27.6899



16.3573, 20.8697, 13.0637



21.0633, 20.8697, 41.6432

Square

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



16.3573, 20.8697, 13.0637



16.0895, 20.8697, 35.0700



23.7760, 20.8697, 36.2544



24.1232, 20.8697, 13.6795

Rectangle

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



16.3573, 20.8697, 13.0637



14.8669, 20.8697, 23.4757



23.7760, 20.8697, 36.2544



25.8048, 20.8697, 21.9877

Sweetspot

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



16.3578, 20.8706, 13.0642



35.9485, 40.1358, 37.3314



18.3116, 19.0063, 12.6013



8.0007, 8.9960, 8.2063



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.



16.3578, 20.8706, 13.0642



26.7185, 35.7722, 19.0706



15.0189, 20.1468, 14.5172



4.7582, 5.2779, 4.9973



9.0875, 16.5447, 2.7145



0.0388, 0.0611, 0.0097

Inverse Universe

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



15.6528, 13.1260, 24.2639



25.2555, 19.7604, 42.2214



17.4401, 14.0978, 22.0700



4.7044, 4.6837, 5.8568



7.7507, 3.5298, 21.4095



0.0348, 0.0163, 0.0745

Previews

White Background



This preview shows how the XYZ color 16.3573, 20.8697, 13.0637 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 16.3573, 20.8697, 13.0637 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 16.3573, 20.8697, 13.0637

Background



This preview shows how black text looks on a background with the XYZ color 16.3573, 20.8697, 13.0637.



This preview shows how white text looks on a background with the XYZ color 16.3573, 20.8697,

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

16.3573, 20.8697, 13.0637

Protanopia

19.3345, 20.8441, 12.0211

Deuteranopia

21.0705, 20.7788, 13.4898



Tritanopia

19.1167, 20.7840, 27.0489

Trichromacy



Original Color

16.3573, 20.8697, 13.0637

Protanomaly

18.0692, 20.7651, 12.2882

Deuteranomaly

19.1095, 20.6986, 13.3440

Tritanomaly

17.8642, 20.6607, 21.1355

Monochromacy



Original Color

16.3573, 20.8697, 13.0637

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.4778, 19.7605, 17.6448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3573, 20.8697, 13.0637 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(106, 134, 91)` looks like.

```
.text, #text, p{  
    color:rgb(106, 134, 91)  
}
```

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(106, 134, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 134, 91) }
```

Border

The CSS property to change the border of an element to XYZ 16.3573, 20.8697, 13.0637 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(106, 134, 91) }
```


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

```
.border{ border-color:rgb(106, 134, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 134, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 134, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 134, 91);  
box-shadow:4px 4px 4px 4px rgb(106, 134,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3573, 20.8697, 13.0637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 134, 91) }
```

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

```
.background{ background-color: rgb(106,  
134, 91) }
```

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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