

Converting Colors

XYZ(16.9239, 21.0439, 13.6263)

Have a look what the booklet for
XYZ(16.9239, 21.0439, 13.6263)
contains.

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Color

**XYZ(16.7937, 20.8804,
13.5011)**

Conversions

Conversions Part 1

Format	Color
Hex	6E855D
RGB	110, 133, 93
RGB Percent	43%, 52%, 36%
CMY	0.5686, 0.4784, 0.6353
CMYK	0.17, 0.00, 0.30, 0.48
HSL	95°, 18%, 44%
HSV	95°, 30%, 52%
XYZ	16.7937, 20.8804, 13.5011
YIQ	121.5630, -0.8680, -17.3160

Conversions

Conversions Part 2

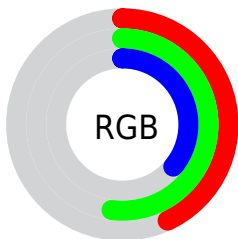
Format	Color
R_{YB}	93, 133, 116
Decimal	7243101
CIE _{Lab}	52.82, -16.06, 18.92
CIE _{LCh}	53, 24.819, 130.328
Yxy	20.8804, 0.3282, 0.4080
Android (android.graphics.Color)	4285433181 (0xFF6E855D)
YUV	121.5630, -14.0816, -10.1408
Hunter-Lab	45.6951, -14.3647, 14.4687

Details

The XYZ color **16.7937, 20.8804, 13.5011** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.3514, 13.2358, 23.9372**, and the grayscale version is **18.4014, 19.3597, 21.0827**.

A 20% lighter version of the original color is **37.4932, 44.8128, 33.0592**, and **5.5730, 7.4079, 3.7209** is the 20% darker color. If you saturate the color by 10%, you get **15.3444, 20.1961, 10.6211**, and if you desaturate by 10%, it is **18.4288, 21.6498, 16.9256**.

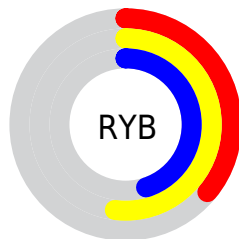
Distribution



Red (43%)

Green (52%)

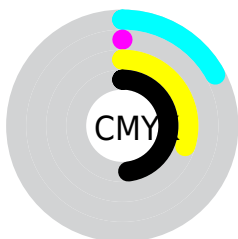
Blue (36%)



Red (36%)

Yellow (52%)

Blue (45%)

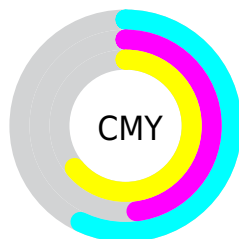


Cyan (17%)

Magenta (0%)

Yellow (30%)

Black (48%)



Cyan (57%)

Magenta (48%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7937, 20.8804, 13.5011 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 16.7937, 20.8804, 13.5011 by changing the saturation by 10% instead.

■ 16.7937, 20.8804,
13.5011

■ 16.7937, 20.8804,
13.5011

227.1602,
256.6422, 225.4241

■ 10.1819, 13.0366,
7.6397

■ 37.5172, 44.8884,
32.9054

■ 5.5829, 7.4538,
3.7809

■ 52.3595, 61.8214,
47.2855

■ 2.6314, 3.7475,
1.5059

■ 70.6761, 82.5529,
65.3422

■ 0.9620, 1.5333,
0.2223

■ 92.8324, 107.4674,
87.4940

■ 0.0000, 0.3120,
0.0000

119.1935,
136.9491, 114.1596

■ 0.0000, 0.0000,
0.0000

150.1250,

171.3826, 145.7575

185.9921,
211.1521, 182.7061

■ 16.7937, 20.8804,
13.5011

■ 16.7937, 20.8804,
13.5011

■ 15.3444, 20.1961,
10.6211

■ 18.4288, 21.6498,
16.9256

■ 14.0718, 19.5911,
8.2562

■ 20.2549, 22.5047,
20.9192

■ 12.9685, 19.0628,
6.3762


■ 22.2791, 23.4488,
25.5067


■ 12.0260, 18.6076,
4.9475


■ 24.5076, 24.4848,
30.7112


■ 11.2346, 18.2212,
3.9317


■ 26.9463, 25.6152,
36.5542


 10.5834, 17.8992,
3.2846

 29.6009, 26.8425,
43.0564

 10.0481, 17.6318,
2.8737

 32.4767, 28.1691,
50.2376

 35.5791, 29.5972,
58.1166

 38.9131, 31.1292,
66.7117

Harmonies

Analogous

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



18.9664, 20.8804, 11.3897



16.7937, 20.8804, 13.5011



15.5152, 20.8804, 18.2628

Triad

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



16.7937, 20.8804, 13.5011



18.2160, 20.8804, 38.9892



25.1615, 20.8804, 20.2720

Complementary

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



16.7937, 20.8804, 13.5011



15.3514, 13.2358, 23.9372

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.



24.9163, 20.8804, 27.8839



16.7937, 20.8804, 13.5011



20.7528, 20.8804, 39.8573

Square

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



16.7937, 20.8804, 13.5011



16.2856, 20.8804, 33.2745



23.2478, 20.8804, 35.4380



23.8913, 20.8804, 14.6956

Rectangle

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



16.7937, 20.8804, 13.5011



15.2699, 20.8804, 22.8171



23.2478, 20.8804, 35.4380



25.2561, 20.8804, 22.6535

Sweetspot

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



16.7942, 20.8813, 13.5016



36.5721, 40.4402, 38.1330



17.8565, 18.1918, 12.9264



8.1411, 9.0649, 8.3720



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.



16.7942, 20.8813, 13.5016



28.2875, 36.5489, 20.5957



14.9984, 19.9416, 14.0450



4.7900, 5.2943, 4.9988



9.5794, 16.7983, 2.7375



0.0412, 0.0623, 0.0099

Inverse Universe

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



15.3514, 13.2358, 23.9372



25.2733, 20.5876, 42.3802



17.6397, 14.4365, 23.0945



4.6717, 4.6669, 5.8553



6.9175, 3.1003, 21.3705



0.0323, 0.0151, 0.0744

Previews

White Background



This preview shows how the XYZ color 16.7937, 20.8804, 13.5011 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 16.7937, 20.8804, 13.5011 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 16.7937, 20.8804, 13.5011

Background



This preview shows how black text looks on a background with the XYZ color 16.7937, 20.8804, 13.5011.



This preview shows how white text looks on a background with the XYZ color 16.7937, 20.8804,

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

16.7937, 20.8804, 13.5011

Protanopia

19.2980, 20.8108, 12.6726

Deuteranopia

21.1614, 20.8152, 13.9687



Tritanopia

19.4408, 20.7668, 26.6507

Trichromacy



Original Color

16.7937, 20.8804, 13.5011

Protanomaly

18.3428, 20.8915, 12.9632

Deuteranomaly

19.2307, 20.5618, 13.7817

Tritanomaly

18.2409, 20.6584, 21.1152

Monochromacy



Original Color

16.7937, 20.8804, 13.5011

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.8013, 19.9210, 17.9458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7937, 20.8804, 13.5011 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(110, 133, 93)` looks like.

```
.text, #text, p{  
    color:rgb(110, 133, 93)  
}
```

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(110, 133, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 133, 93) }
```

Border

The CSS property to change the border of an element to XYZ 16.7937, 20.8804, 13.5011 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(110, 133, 93) }
```


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

```
.border{ border-color:rgb(110, 133, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 133, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 133, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 133, 93);  
box-shadow:4px 4px 4px 4px rgb(110, 133,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7937, 20.8804, 13.5011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 133, 93) }
```

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

```
.background{ background-color: rgb(110,  
133, 93) }
```

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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