

Converting Colors

XYZ(16.7761, 21.6203, 17.9505)

Have a look what the booklet for
XYZ(16.7761, 21.6203, 17.9505)
contains.

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Color

**XYZ(16.7971, 21.6138,
18.0384)**

Conversions

Conversions Part 1

Format	Color
Hex	62896E
RGB	98, 137, 110
RGB Percent	38%, 54%, 43%
CMY	0.6157, 0.4627, 0.5686
CMYK	0.28, 0.00, 0.20, 0.46
HSL	138°, 17%, 46%
HSV	138°, 28%, 54%
XYZ	16.7971, 21.6138, 18.0384
YIQ	122.2610, -14.5770, -16.6650

Conversions

Conversions Part 2

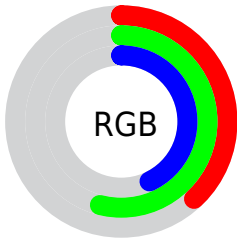
Format	Color
RYB	98, 128, 137
Decimal	6457710
CIELab	53.61, -19.48, 10.18
CIElCh	54, 21.977, 152.401
Yxy	21.6138, 0.2976, 0.3829
Android (android.graphics.Color)	4284647790 (0xFF62896E)
YUV	122.2610, -6.0447, -21.2769
Hunter-Lab	46.4906, -16.8665, 9.5389

Details

The XYZ color **16.7971, 21.6138, 18.0384** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.3866, 15.5348, 21.4323**, and the grayscale version is **18.6070, 19.5760, 21.3183**.

A 20% lighter version of the original color is **37.7301, 46.3543, 41.1411**, and **5.5931, 7.8423, 5.7764** is the 20% darker color. If you saturate the color by 10%, you get **14.9545, 20.7210, 15.3994**, and if you desaturate by 10%, it is **18.9492, 22.6610, 20.9815**.

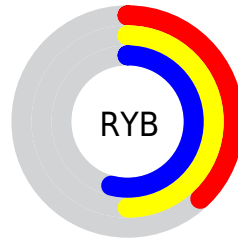
Distribution



Red (38%)

Green (54%)

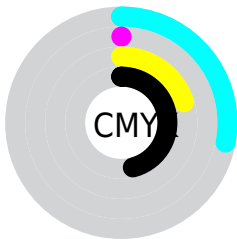
Blue (43%)



Red (38%)

Yellow (50%)

Blue (54%)

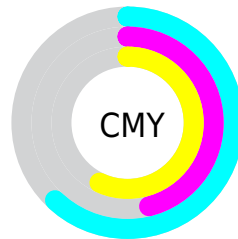


Cyan (28%)

Magenta (0%)

Yellow (20%)

Black (46%)



Cyan (62%)

Magenta (46%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7971, 21.6138, 18.0384 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 16.7971, 21.6138, 18.0384 by changing the saturation by 10% instead.

■ 16.7971, 21.6138,
18.0384

■ 16.7971, 21.6138,
18.0384

227.1795,
260.5228, 253.3308

■ 10.1843, 13.5734,
10.8078

■ 37.5230, 46.1069,
40.9176

■ 5.5846, 7.8246,
5.8252

■ 52.3668, 63.3283,
57.4033

■ 2.6324, 3.9829,
2.6720

■ 70.6850, 84.3789,
77.8111

■ 0.9625, 1.6640,
0.9293

■ 92.8430, 109.6430,
102.5595

■ 0.0000, 0.4002,
0.0000

119.2061,
139.5051, 132.0672

■ 0.0000, 0.0000,
0.0000

150.1396,

174.3495, 166.7526

186.0090,
214.5605, 207.0343

■ 16.7971, 21.6138,
18.0384

■ 16.7971, 21.6138,
18.0384

■ 14.9545, 20.7210,
15.3994

■ 18.9492, 22.6610,
20.9815

■ 13.4051, 19.9726,
13.0532

■ 21.4227, 23.8666,
24.2363

■ 12.1335, 19.3614,
10.9901

■ 24.2310, 25.2381,
27.8125

■ 11.1224, 18.8788,
9.1992

■ 27.3862, 26.7815,
31.7183

■ 10.3524, 18.5149,
7.6689

■ 30.8996, 28.5024,
35.9620

■ 9.8011, 18.2585,
6.3869

■ 34.7824, 30.4065,
40.5516

■ 9.4196, 18.0846,
5.3385

■ 39.0449, 32.4989,
45.4947

■ 9.3668, 18.0605,
5.1973

■ 43.6972, 34.7847,
50.7987

■ 48.7490, 37.2687,
56.4707

Harmonies

Analogous

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



18.2183, 21.6138, 14.2194



16.7971, 21.6138, 18.0384



16.3554, 21.6138, 24.0794

Triad

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



16.7971, 21.6138, 18.0384



20.7329, 21.6138, 38.9566



24.5949, 21.6138, 17.2643

Complementary

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



16.7971, 21.6138, 18.0384



18.3866, 15.5348, 21.4323

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.



25.3912, 21.6138, 22.9964



16.7971, 21.6138, 18.0384



23.0581, 21.6138, 36.2229

Square

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



16.7971, 21.6138, 18.0384



18.5222, 21.6138, 36.9495



24.8087, 21.6138, 30.0452



22.7062, 21.6138, 13.8359

Rectangle

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



16.7971, 21.6138, 18.0384



16.6463, 21.6138, 28.8118



24.8087, 21.6138, 30.0452



25.0055, 21.6138, 18.9432

Sweetspot

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



16.7977, 21.6147, 18.0389



38.0189, 42.5712, 42.9559



19.6524, 23.1568, 14.9893



8.3941, 9.4834, 9.4614



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.7977, 21.6147, 18.0389



27.9439, 37.6697, 29.2713



17.9591, 22.0793, 24.1547



5.0311, 5.6319, 5.6848



8.7296, 16.8244, 4.8668



0.0640, 0.1142, 0.0637

Inverse Universe

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



18.3866, 15.5348, 21.4323



31.2611, 24.9684, 36.3499



17.2759, 15.0906, 15.5837



5.1694, 5.1032, 5.9806



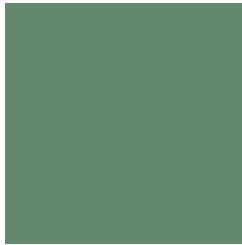
11.5329, 5.7233, 10.5764



0.0832, 0.0406, 0.1049

Previews

White Background



This preview shows how the XYZ color 16.7971, 21.6138, 18.0384 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 16.7971, 21.6138, 18.0384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

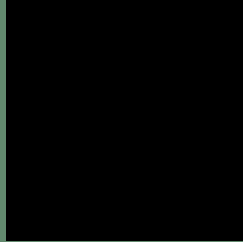
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.7971, 21.6138, 18.0384

Background



This preview shows how black text looks on a background with the XYZ color 16.7971, 21.6138, 18.0384.



This preview shows how white text looks on a background with the XYZ color 16.7971, 21.6138,

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

16.7971, 21.6138, 18.0384

Protanopia

20.1308, 21.3496, 16.4245

Deuteranopia

21.7406, 21.3779, 18.6033



Tritanopia

18.9181, 21.4288, 29.1257

Trichromacy



Original Color

16.7971, 21.6138, 18.0384

Protanomaly

18.7962, 21.4317, 17.0560

Deuteranomaly

19.5459, 21.1974, 18.3906

Tritanomaly

18.1013, 21.5137, 24.6712

Monochromacy



Original Color

16.7971, 21.6138, 18.0384

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.6694, 19.9975, 20.0682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7971, 21.6138, 18.0384 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(98, 137, 110) looks like.

```
.text, #text, p{  
    color:rgb(98, 137, 110)  
}
```

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(98, 137, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 137, 110) }
```

Border

The CSS property to change the border of an element to XYZ 16.7971, 21.6138, 18.0384 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(98, 137, 110) }
```


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

```
.border{ border-color:rgb(98, 137, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 137, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 137, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 137, 110);  
box-shadow:4px 4px 4px 4px rgb(98, 137,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7971, 21.6138, 18.0384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 137, 110) }
```

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

```
.background{ background-color: rgb(98, 137,  
110) }
```

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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