

Converting Colors

XYZ(17.4827, 21.5548, 15.8096)

Have a look what the booklet for
XYZ(17.4827, 21.5548, 15.8096)
contains.

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Color

**XYZ(17.4927, 21.6023,
15.8181)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8766
RGB	110, 135, 102
RGB Percent	43%, 53%, 40%
CMY	0.5686, 0.4706, 0.6000
CMYK	0.19, 0.00, 0.24, 0.47
HSL	105°, 14%, 46%
HSV	105°, 24%, 53%
XYZ	17.4927, 21.6023, 15.8181
YIQ	123.7630, -4.3070, -15.5630

Conversions

Conversions Part 2

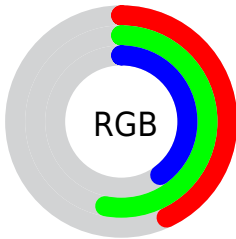
Format	Color
RYB	102, 135, 127
Decimal	7243622
CIELab	53.60, -15.60, 14.87
CIELCh	54, 21.550, 136.384
Yxy	21.6023, 0.3186, 0.3934
Android (android.graphics.Color)	4285433702 (0xFF6E8766)
YUV	123.7630, -10.7292, -12.0702
Hunter-Lab	46.4783, -14.1562, 12.3564

Details

The XYZ color **17.4927, 21.6023, 15.8181** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.8779, 15.7647, 25.0235**, and the grayscale version is **19.1154, 20.1109, 21.9008**.

A 20% lighter version of the original color is **38.6333, 45.9477, 36.9696**, and **5.9247, 7.7970, 4.8071** is the 20% darker color. If you saturate the color by 10%, you get **15.6771, 20.7381, 12.5183**, and if you desaturate by 10%, it is **19.5654, 22.5877, 19.7001**.

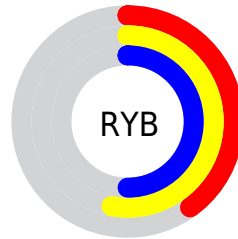
Distribution



Red (43%)

Green (53%)

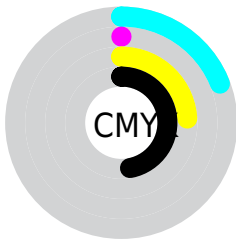
Blue (40%)



Red (40%)

Yellow (53%)

Blue (50%)

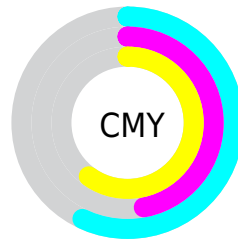


Cyan (19%)

Magenta (0%)

Yellow (24%)

Black (47%)



Cyan (57%)

Magenta (47%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4927, 21.6023, 15.8181 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 17.4927, 21.6023, 15.8181 by changing the saturation by 10% instead.

■ 17.4927, 21.6023,
15.8181

■ 17.4927, 21.6023,
15.8181

231.0972,
260.4623, 240.0749

■ 10.6839, 13.5650,
9.2426

■ 38.7079, 46.0878,
37.0445

■ 5.9204, 7.8187,
4.8008

■ 53.8449, 63.3048,
52.5325

■ 2.8369, 3.9792,
2.0742

■ 72.4888, 84.3504,
71.8283

■ 1.0681, 1.6619,
0.6003

■ 95.0047, 109.6091,
95.3506

■ 0.0000, 0.3988,
0.0000

121.7582,
139.4652, 123.5179

■ 0.0000, 0.0000,
0.0000

153.1146,

174.3032, 156.7487

189.4391,
214.5074, 195.4615

■ 17.4927, 21.6023,
15.8181

■ 17.4927, 21.6023,
15.8181

■ 15.6771, 20.7381,
12.5183

■ 19.5654, 22.5877,
19.7001

■ 14.1068, 19.9878,
9.7713

■ 21.9031, 23.6959,
24.1889

■ 12.7712, 19.3471,
7.5471

■ 24.5157, 24.9321,
29.3096

■ 11.6585, 18.8107,
5.8127

■ 27.4117, 26.3002,
35.0854

■ 10.7558, 18.3728,
4.5309

■ 30.5994, 27.8040,
41.5381

■ 10.0488, 18.0269,
3.6593

■ 34.0870, 29.4472,
48.6888

■ 9.5199, 17.7651,
3.1426

■ 37.8819, 31.2333,
56.5577

■ 9.2828, 17.6476,
2.9171

■ 41.9915, 33.1657,
65.1638

■ 46.4231, 35.2476,
74.5257

Harmonies

Analogous

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



19.3094, 21.6023, 13.3383



17.4927, 21.6023, 15.8181



16.5253, 21.6023, 20.6625

Triad

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



17.4927, 21.6023, 15.8181



19.5082, 21.6023, 38.1114



25.0765, 21.6023, 20.1248

Complementary

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



17.4927, 21.6023, 15.8181



17.8779, 15.7647, 25.0235

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.



25.1398, 21.6023, 26.6322



17.4927, 21.6023, 15.8181



21.8059, 21.6023, 37.8933

Square

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



17.4927, 21.6023, 15.8181



17.6289, 21.6023, 33.9398



23.9052, 21.6023, 33.3901



23.7383, 21.6023, 15.4882

Rectangle

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



17.4927, 21.6023, 15.8181



16.4416, 21.6023, 24.9586



23.9052, 21.6023, 33.3901



25.2509, 21.6023, 22.1402

Sweetspot

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



17.4933, 21.6032, 15.8186



38.0393, 41.8722, 41.0259



19.9480, 21.2255, 15.6163



8.7623, 9.6748, 9.4102



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.



17.4933, 21.6032, 15.8186



29.5770, 37.8529, 25.1242



16.9723, 21.2850, 18.0377



4.7143, 5.2553, 4.9953



8.5702, 16.2781, 2.6903



0.0354, 0.0593, 0.0096

Inverse Universe

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



17.8779, 15.7647, 25.0235



30.3792, 25.6288, 44.3941



18.5584, 16.1800, 22.1392



4.7506, 4.7075, 5.8590



9.1267, 4.2391, 21.4739



0.0382, 0.0181, 0.0747

Previews

White Background



This preview shows how the XYZ color 17.4927, 21.6023, 15.8181 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 17.4927, 21.6023, 15.8181 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 17.4927, 21.6023, 15.8181

Background



This preview shows how black text looks on a background with the XYZ color 17.4927, 21.6023, 15.8181.



This preview shows how white text looks on a background with the XYZ color 17.4927, 21.6023,

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

17.4927, 21.6023, 15.8181

Protanopia

20.1246, 21.5734, 14.9078

Deuteranopia

21.8455, 21.4817, 16.3596



Tritanopia

19.9187, 21.5717, 27.9249

Trichromacy



Original Color

17.4927, 21.6023, 15.8181

Protanomaly

19.1689, 21.6647, 15.2280

Deuteranomaly

19.9196, 21.2466, 16.1478

Tritanomaly

18.9566, 21.5863, 22.9061

Monochromacy



Original Color

17.4927, 21.6023, 15.8181

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.4793, 20.6212, 19.5293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4927, 21.6023, 15.8181 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, 135, 102)` looks like.

```
.text, #text, p{  
    color:rgb(110, 135, 102)  
}
```

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, 135, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 135, 102) }
```

Border

The CSS property to change the border of an element to XYZ 17.4927, 21.6023, 15.8181 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, 135, 102) }
```


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

```
.border{ border-color:rgb(110, 135, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 135, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 135, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 135, 102);  
box-shadow:4px 4px 4px 4px rgb(110, 135,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4927, 21.6023, 15.8181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 135, 102) }
```

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

```
.background{ background-color: rgb(110,  
135, 102) }
```

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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