

Converting Colors

XYZ(16.6174, 21.2521, 11.2089)

Have a look what the booklet for
XYZ(16.6174, 21.2521, 11.2089)
contains.

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Color

**XYZ(16.6174, 21.2521,
11.2089)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8752
RGB	110, 135, 82
RGB Percent	43%, 53%, 32%
CMY	0.5686, 0.4706, 0.6784
CMYK	0.19, 0.00, 0.39, 0.47
HSL	88°, 24%, 43%
HSV	88°, 39%, 53%
XYZ	16.6174, 21.2521, 11.2089
YIQ	121.4830, 2.1130, -21.7830

Conversions

Conversions Part 2

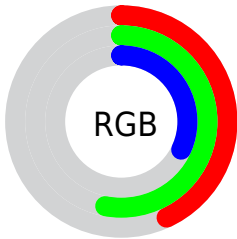
Format	Color
R_{YB}	82, 135, 107
Decimal	7243602
CIE _{Lab}	53.22, -18.80, 25.62
CIE _{LCh}	53, 31.775, 126.269
Yxy	21.2521, 0.3386, 0.4330
Android (android.graphics.Color)	4285433682 (0xFF6E8752)
YUV	121.4830, -19.4651, -10.0706
Hunter-Lab	46.1000, -16.3321, 17.8540

Details

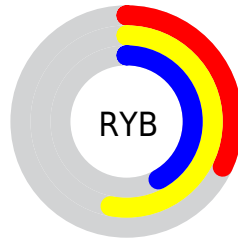
The XYZ color **16.6174, 21.2521, 11.2089** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.4547, 10.9102, 24.3195**, and the grayscale version is **18.3916, 19.3494, 21.0715**.

A 20% lighter version of the original color is **37.0484, 45.3138, 28.6236**, and **5.4914, 7.6165, 2.8498** is the 20% darker color. If you saturate the color by 10%, you get **15.3895, 20.6734, 8.7287**, and if you desaturate by 10%, it is **18.0045, 21.9025, 14.2252**.

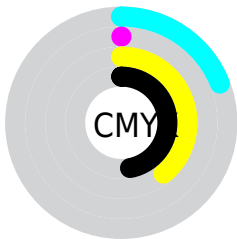
Distribution



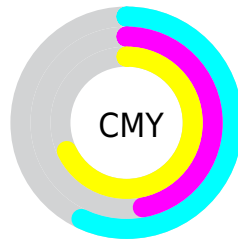
- Red (43%)
- Green (53%)
- Blue (32%)



- Red (32%)
- Yellow (53%)
- Blue (42%)



- Cyan (19%)
- Magenta (0%)
- Yellow (39%)
- Black (47%)



- Cyan (57%)
- Magenta (47%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6174, 21.2521, 11.2089 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 16.6174, 21.2521, 11.2089 by changing the saturation by 10% instead.

■ 16.6174, 21.2521,
11.2089

■ 16.6174, 21.2521,
11.2089

226.1573,
258.6152, 209.8838

■ 10.0557, 13.3084,
6.0916

■ 37.2156, 45.5067,
28.6883

■ 5.4984, 7.6413,
2.8312

■ 51.9829, 62.5864,
41.8876

■ 2.5803, 3.8663,
1.0091

■ 70.2160, 83.4803,
58.6178

■ 0.9359, 1.5990,
0.0000

■ 92.2803, 108.5726,
79.2977

■ 0.0000, 0.3570,
0.0000

■ 118.5413,
138.2479, 104.3457

■ 0.0000, 0.0000,
0.0000

149.3642,

172.8905, 134.1803

185.1144,
212.8848, 169.2202

■ 16.6174, 21.2521,
11.2089

■ 16.6174, 21.2521,
11.2089

■ 15.3895, 20.6734,
8.7287

■ 18.0045, 21.9025,
14.2252

■ 14.3119, 20.1605,
6.7516

■ 19.5557, 22.6246,
17.8049

■ 13.3775, 19.7112,
5.2435

■ 21.2779, 23.4218,
21.9754

■ 12.5775, 19.3218,
4.1652

■ 23.1767, 24.2968,
26.7618

■ 11.9020, 18.9882,
3.4713

■ 25.2579, 25.2517,
32.1877

■ 11.3267, 18.7006,
3.0413

■ 27.5266, 26.2889,
38.2754

■ 11.2863, 18.6804,
3.0108

■ 29.9879, 27.4104,
45.0463

■ 32.6467, 28.6184,
52.5207

■ 35.5075, 29.9147,
60.7182

Harmonies

Analogous

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



19.5030, 21.2521, 9.2018



16.6174, 21.2521, 11.2089



14.8492, 21.2521, 16.4707

Triad

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



16.6174, 21.2521, 11.2089



17.7122, 21.2521, 44.5168



27.3170, 21.2521, 21.1799

Complementary

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



16.6174, 21.2521, 11.2089



13.4547, 10.9102, 24.3195

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.



26.7016, 21.2521, 31.4029



16.6174, 21.2521, 11.2089



20.9124, 21.2521, 46.8010

Square

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



16.6174, 21.2521, 11.2089



15.4306, 21.2521, 35.8853



24.2626, 21.2521, 41.4675



25.8618, 21.2521, 13.8383

Rectangle

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



16.6174, 21.2521, 11.2089



14.4201, 21.2521, 21.9580



24.2626, 21.2521, 41.4675



27.3475, 21.2521, 24.3635

Sweetspot

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



16.6179, 21.2530, 11.2094



37.1419, 41.4980, 36.9905



16.7454, 16.2207, 10.2313



8.5229, 9.5740, 8.3747



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.



16.6179, 21.2530, 11.2094



27.8092, 37.1391, 16.1178



13.8229, 19.8121, 11.0786



4.8336, 5.3168, 5.0009



10.4224, 17.2329, 2.7770



0.0445, 0.0640, 0.0100

Inverse Universe

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



13.4547, 10.9102, 24.3195



21.3252, 15.9327, 42.9997



17.1010, 12.7900, 24.4901



4.6279, 4.6443, 5.8533



5.9786, 2.6162, 21.3266



0.0290, 0.0134, 0.0743

Previews

White Background



This preview shows how the XYZ color 16.6174, 21.2521, 11.2089 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 16.6174, 21.2521, 11.2089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

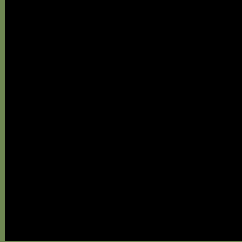
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.6174, 21.2521, 11.2089

Background



This preview shows how black text looks on a background with the XYZ color 16.6174, 21.2521, 11.2089.



This preview shows how white text looks on a background with the XYZ color 16.6174, 21.2521,

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

16.6174, 21.2521, 11.2089

Protanopia

19.4819, 21.1465, 10.4520

Deuteranopia

21.4260, 21.0060, 11.5196



Tritanopia

19.7778, 21.1249, 27.0799

Trichromacy



Original Color

16.6174, 21.2521, 11.2089

Protanomaly

18.3327, 21.1336, 10.7024

Deuteranomaly

19.3776, 20.8802, 11.3965

Tritanomaly

18.4565, 21.1854, 20.2560

Monochromacy



Original Color

16.6174, 21.2521, 11.2089

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.4508, 19.7652, 16.8052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6174, 21.2521, 11.2089 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, 82)` looks like.

```
.text, #text, p{  
    color:rgb(110, 135, 82)  
}
```

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, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 135, 82) }
```

Border

The CSS property to change the border of an element to XYZ 16.6174, 21.2521, 11.2089 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, 82) }
```


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

```
.border{ border-color:rgb(110, 135, 82) }
```

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, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 135, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 135, 82);  
box-shadow:4px 4px 4px 4px rgb(110, 135,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6174, 21.2521, 11.2089 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, 82) }
```

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

```
.background{ background-color: rgb(110,  
135, 82) }
```

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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