

Converting Colors

XYZ(21.4392, 30.3403, 19.8858)

Have a look what the booklet for
XYZ(21.4392, 30.3403, 19.8858)
contains.

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Color

**XYZ(21.5115, 30.4653,
19.7855)**

Conversions

Conversions Part 1

Format	Color
Hex	65A46F
RGB	101, 164, 111
RGB Percent	40%, 64%, 44%
CMY	0.6039, 0.3568, 0.5647
CMYK	0.38, 0.00, 0.32, 0.36
HSL	130°, 26%, 52%
HSV	130°, 38%, 64%
XYZ	21.5115, 30.4653, 19.7855
YIQ	139.1210, -20.5350, -29.8390

Conversions

Conversions Part 2

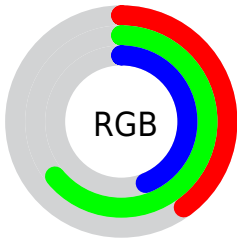
Format	Color
RYB	101, 155, 164
Decimal	6661231
CIELab	62.05, -31.73, 21.29
CIElCh	62, 38.215, 146.137
Yxy	30.4653, 0.2998, 0.4245
Android (android.graphics.Color)	4284851311 (0xFF65A46F)
YUV	139.1210, -13.8637, -33.4321
Hunter-Lab	55.1954, -27.0244, 17.3835

Details

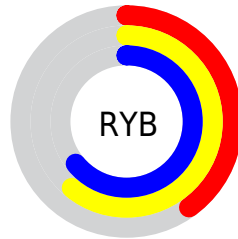
The XYZ color **21.5115, 30.4653, 19.7855** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.7972, 19.5336, 32.9837**, and the grayscale version is **24.6452, 25.9287, 28.2364**.

A 20% lighter version of the original color is **45.2688, 60.1774, 43.8798**, and **7.9580, 12.6002, 6.7153** is the 20% darker color. If you saturate the color by 10%, you get **19.1534, 29.3316, 16.0114**, and if you desaturate by 10%, it is **24.3550, 31.8374, 24.1962**.

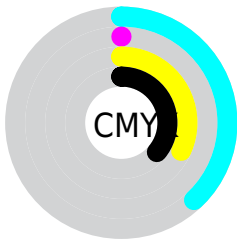
Distribution



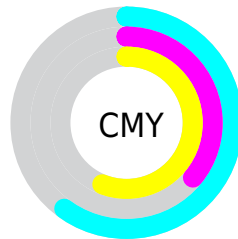
- Red (40%)
- Green (64%)
- Blue (44%)



- Red (40%)
- Yellow (61%)
- Blue (64%)



- Cyan (38%)
- Magenta (0%)
- Yellow (32%)
- Black (36%)



- Cyan (60%)
- Magenta (36%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5115, 30.4653, 19.7855 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 21.5115, 30.4653, 19.7855 by changing the saturation by 10% instead.

■ 21.5115, 30.4653,
19.7855

■ 21.5115, 30.4653,
19.7855

252.6651,
304.0673, 263.3172

■ 13.6130, 20.1920,
12.0567

■ 45.4222, 60.3972,
43.9115

■ 7.9319, 12.5347,
6.6593

■ 62.1650, 80.8247,
61.1458

■ 4.1028, 7.1089,
3.1748

■ 82.5867, 105.4057,
82.3856

■ 1.7605, 3.5303,
1.1845

■ 107.0526,
134.5246, 108.0496

■ 0.4937, 1.4145,
0.0000

135.9280,
168.5658, 138.5562

■ 0.0000, 0.2274,
0.0000

169.5783,

■ 0.0000, 0.0000,

207.9138, 174.3239

0.0000

208.3689,
252.9528, 215.7715

■ 21.5115, 30.4653,
19.7855

■ 21.5115, 30.4653,
19.7855

■ 19.1534, 29.3316,
16.0114

■ 24.3550, 31.8374,
24.1962

■ 17.2510, 28.4191,
12.8426

■ 27.7066, 33.4564,
29.2689

■ 15.7752, 27.7142,
10.2480


■ 31.5906, 35.3352,
35.0300


■ 14.6921, 27.2002,
8.1933


■ 36.0288, 37.4845,
41.5039


■ 13.9628, 26.8578,
6.6402


■ 41.0419, 39.9144,
48.7140


 13.5208, 26.6538,
5.5445

 46.6496, 42.6347,
56.6822

 13.4629, 26.6268,
5.4092

 52.8704, 45.6545,
65.4300

 59.7224, 48.9826,
74.9776

 67.2225, 52.6273,
85.3447

Harmonies

Analogous

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



24.8236, 30.4653, 13.7202



21.5115, 30.4653, 19.7855



20.1852, 30.4653, 31.3037

Triad

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



21.5115, 30.4653, 19.7855



28.2966, 30.4653, 70.1084



38.7485, 30.4653, 22.2154

Complementary

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



21.5115, 30.4653, 19.7855



25.7972, 19.5336, 32.9837

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.



39.9589, 30.4653, 35.1122



21.5115, 30.4653, 19.7855



33.5241, 30.4653, 65.5575

Square

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



21.5115, 30.4653, 19.7855



23.7989, 30.4653, 62.6045



37.9468, 30.4653, 51.5406



34.8098, 30.4653, 14.8045

Rectangle

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



21.5115, 30.4653, 19.7855



20.4746, 30.4653, 41.6616



37.9468, 30.4653, 51.5406



39.5065, 30.4653, 25.9212

Sweetspot

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



21.5123, 30.4666, 19.7862



54.5371, 62.7803, 59.4479



29.0570, 34.4161, 17.4236



11.7346, 13.6339, 12.7175



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



21.5123, 30.4666, 19.7862



35.3733, 53.5318, 30.0508



23.5219, 31.2704, 30.3685



7.0293, 7.9125, 7.7660



10.3343, 20.4201, 4.2112



0.2294, 0.4340, 0.1530

Inverse Universe

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



25.7972, 19.5336, 32.9837



44.2549, 30.8437, 57.3860



23.5427, 18.6317, 21.1113



7.3158, 7.1828, 8.6494



15.2689, 7.4636, 19.1386



0.3330, 0.1617, 0.4662

Previews

White Background



This preview shows how the XYZ color 21.5115, 30.4653, 19.7855 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 21.5115, 30.4653, 19.7855 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 ✓ Pass

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

XYZ 21.5115, 30.4653, 19.7855

Background



This preview shows how black text looks on a background with the XYZ color 21.5115, 30.4653, 19.7855.



This preview shows how white text looks on a background with the XYZ color 21.5115, 30.4653,

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

21.5115, 30.4653, 19.7855

Protanopia

27.9952, 30.0919, 17.6974

Deuteranopia

30.6540, 30.0198, 20.7018



Tritanopia

26.0285, 30.4892, 42.0493

Trichromacy



Original Color

21.5115, 30.4653, 19.7855

Protanomaly

24.8569, 29.6617, 18.3251

Deuteranomaly

26.3166, 29.6440, 20.2544

Tritanomaly

24.2228, 30.5309, 32.6334

Monochromacy



Original Color

21.5115, 30.4653, 19.7855

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.0098, 27.1248, 24.7917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5115, 30.4653, 19.7855 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(101, 164, 111)` looks like.

```
.text, #text, p{  
    color:rgb(101, 164, 111)  
}
```

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(101, 164, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 164, 111) }
```

Border

The CSS property to change the border of an element to XYZ 21.5115, 30.4653, 19.7855 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(101, 164, 111) }
```


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

```
.border{ border-color:rgb(101, 164, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 164, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 164, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 164, 111);  
box-shadow:4px 4px 4px 4px rgb(101, 164,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5115, 30.4653, 19.7855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 164, 111) }
```

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

```
.background{ background-color: rgb(101,  
164, 111) }
```

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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