

Converting Colors

XYZ(19.2915, 25.1818, 19.6704)

Have a look what the booklet for
XYZ(19.2915, 25.1818, 19.6704)
contains.

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Color

**XYZ(19.2967, 25.0856,
19.7446)**

Conversions

Conversions Part 1

Format	Color
Hex	699372
RGB	105, 147, 114
RGB Percent	41%, 58%, 45%
CMY	0.5882, 0.4235, 0.5529
CMYK	0.29, 0.00, 0.22, 0.42
HSL	133°, 17%, 49%
HSV	133°, 29%, 58%
XYZ	19.2967, 25.0856, 19.7446
YIQ	130.6800, -14.4390, -19.1670

Conversions

Conversions Part 2

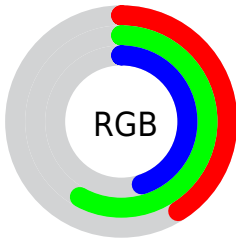
Format	Color
R_{YB}	105, 140, 147
Decimal	6919026
CIE _{Lab}	57.16, -21.47, 12.93
CIE _{LCh}	57, 25.066, 148.940
Yxy	25.0856, 0.3009, 0.3912
Android (android.graphics.Color)	4285109106 (0xFF699372)
YUV	130.6800, -8.2232, -22.5214
Hunter-Lab	50.0855, -18.8781, 11.6867

Details

The XYZ color **19.2967, 25.0856, 19.7446** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.6725, 18.1418, 26.4052**, and the grayscale version is **21.4919, 22.6112, 24.6235**.

A 20% lighter version of the original color is **41.6742, 51.6946, 43.8580**, and **6.7971, 9.5998, 6.6490** is the 20% darker color. If you saturate the color by 10%, you get **17.1007, 24.0255, 16.4241**, and if you desaturate by 10%, it is **21.8756, 26.3350, 23.5175**.

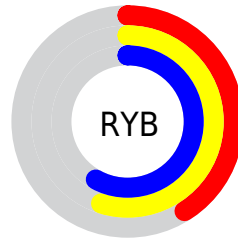
Distribution



Red (41%)

Green (58%)

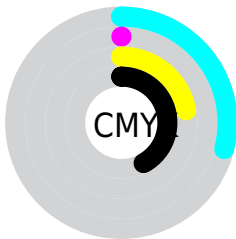
Blue (45%)



Red (41%)

Yellow (55%)

Blue (58%)

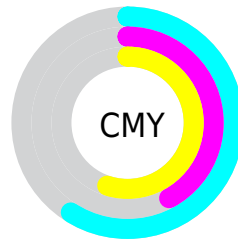


Cyan (29%)

Magenta (0%)

Yellow (22%)

Black (42%)



Cyan (59%)

Magenta (42%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2967, 25.0856, 19.7446 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 19.2967, 25.0856, 19.7446 by changing the saturation by 10% instead.

■ 19.2967, 25.0856,
19.7446

■ 19.2967, 25.0856,
19.7446

240.9886,
278.2640, 263.0875

■ 11.9901, 16.1408,
12.0273

■ 41.7479, 51.7961,
43.8419

■ 6.8091, 9.6239,
6.6395

■ 57.6232, 70.3305,
61.0590

■ 3.3883, 5.1503,
3.1627

■ 77.0854, 92.8304,
82.2797

■ 1.3623, 2.3357,
1.1783

■ 100.5000,
119.6800, 107.9227

■ 0.2291, 0.7925,
0.0000

128.2323,
151.2638, 138.4064

■ 0.0000, 0.0000,
0.0000

160.6476,

187.9661, 174.1494

198.1112,
230.1714, 215.5702

■ 19.2967, 25.0856,
19.7446

■ 19.2967, 25.0856,
19.7446

■ 17.1007, 24.0255,
16.4241

■ 21.8756, 26.3350,
23.5175

■ 15.2671, 23.1422,
13.5374

■ 24.8525, 27.7789,
27.7573

■ 13.7766, 22.4270,
11.0670

■ 28.2443, 29.4264,
32.4796

■ 12.6072, 21.8688,
8.9936

■ 32.0662, 31.2850,
37.6992

■ 11.7344, 21.4555,
7.2964

■ 36.3325, 33.3620,
43.4299

■ 11.1297, 21.1729,
5.9526

■ 41.0571, 35.6641,
49.6852

■ 10.7371, 20.9926,
4.9359

■ 46.2532, 38.1978,
56.4779

■ 10.6882, 20.9700,
4.8155

■ 51.9333, 40.9693,
63.8206

■ 58.1096, 43.9848,
71.7252

Harmonies

Analogous

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



21.1963, 25.0856, 15.3983



19.2967, 25.0856, 19.7446



18.5982, 25.0856, 27.0137

Triad

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



19.2967, 25.0856, 19.7446



23.7381, 25.0856, 47.0436



29.1730, 25.0856, 20.1679

Complementary

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



19.2967, 25.0856, 19.7446



21.6725, 18.1418, 26.4052

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.



29.9916, 25.0856, 27.6164



19.2967, 25.0856, 19.7446



26.7015, 25.0856, 44.1859

Square

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



19.2967, 25.0856, 19.7446



21.0283, 25.0856, 43.7720



29.0528, 25.0856, 36.6060



26.8985, 25.0856, 15.6049

Rectangle

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



19.2967, 25.0856, 19.7446



18.8594, 25.0856, 32.9473



29.0528, 25.0856, 36.6060



29.6355, 25.0856, 22.3623

Sweetspot

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



19.2974, 25.0867, 19.7452



44.1577, 49.5771, 49.2173



23.5653, 27.3432, 17.4006



9.9087, 11.2341, 10.9931



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.2974, 25.0867, 19.7452



32.0681, 43.7216, 31.6214



20.5912, 25.6042, 26.5585



5.7774, 6.4876, 6.4389



9.2736, 18.1822, 4.2163



0.1227, 0.2262, 0.1000

Inverse Universe

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



21.6725, 18.1418, 26.4052



37.0058, 29.2751, 45.4606



20.3312, 17.6053, 19.3423



5.9826, 5.8881, 7.0148



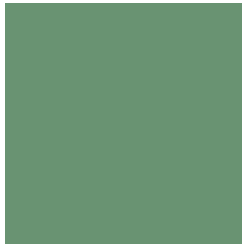
13.1487, 6.4645, 14.7960



0.1716, 0.0834, 0.2372

Previews

White Background



This preview shows how the XYZ color 19.2967, 25.0856, 19.7446 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 19.2967, 25.0856, 19.7446 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

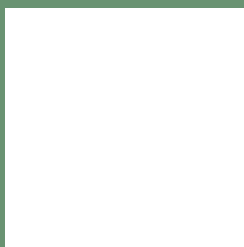
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2967, 25.0856, 19.7446

Background



This preview shows how black text looks on a background with the XYZ color 19.2967, 25.0856, 19.7446.



This preview shows how white text looks on a background with the XYZ color 19.2967, 25.0856,

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

19.2967, 25.0856, 19.7446

Protanopia

23.2415, 24.7322, 18.0168

Deuteranopia

25.3668, 24.9550, 20.3094



Tritanopia

22.1049, 25.0907, 33.8149

Trichromacy



Original Color

19.2967, 25.0856, 19.7446

Protanomaly

21.4532, 24.6497, 18.6661

Deuteranomaly

22.5793, 24.5555, 20.0726

Tritanomaly

20.9401, 25.0618, 28.1598

Monochromacy



Original Color

19.2967, 25.0856, 19.7446

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.6734, 23.5096, 22.8502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2967, 25.0856, 19.7446 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(105, 147, 114)` looks like.

```
.text, #text, p{  
    color:rgb(105, 147, 114)  
}
```

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(105, 147, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 147, 114) }
```

Border

The CSS property to change the border of an element to XYZ 19.2967, 25.0856, 19.7446 is called "border". The border property can be set on classes, ids or directly on the HTML element.

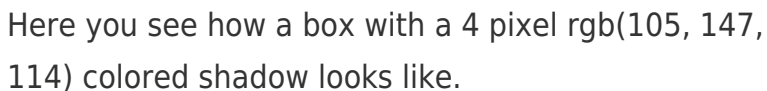
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 147, 114) }
```


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

```
.border{ border-color:rgb(105, 147, 114) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 147, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 147, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 147, 114);  
box-shadow:4px 4px 4px 4px rgb(105, 147,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2967, 25.0856, 19.7446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 147, 114) }
```

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

```
.background{ background-color: rgb(105,  
147, 114) }
```

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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