

Converting Colors

XYZ(16.6788, 25.5213, 14.0504)

Have a look what the booklet for
XYZ(16.6788, 25.5213, 14.0504)
contains.

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Color

**XYZ(16.6684, 25.5288,
13.9466)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9A5B
RGB	79, 154, 91
RGB Percent	31%, 60%, 36%
CMY	0.6902, 0.3961, 0.6431
CMYK	0.49, 0.00, 0.41, 0.40
HSL	130°, 32%, 46%
HSV	130°, 49%, 60%
XYZ	16.6684, 25.5288, 13.9466
YIQ	124.3930, -24.4770, -35.4930

Conversions

Conversions Part 2

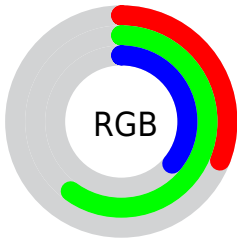
Format	Color
R_{YB}	79, 144, 154
Decimal	5216859
CIE _{Lab}	57.59, -37.32, 26.06
CIE _{LCh}	58, 45.514, 145.074
Yxy	25.5288, 0.2969, 0.4547
Android (android.graphics.Color)	4283406939 (0xFF4F9A5B)
YUV	124.3930, -16.4627, -39.8097
Hunter-Lab	50.5260, -29.5339, 19.0025

Details

The XYZ color **16.6684, 25.5288, 13.9466** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **21.0057, 14.4155, 27.2674**, and the grayscale version is **19.3491, 20.3568, 22.1685**.

A 20% lighter version of the original color is **37.3558, 52.5405, 33.7637**, and **5.5153, 9.8440, 3.9923** is the 20% darker color. If you saturate the color by 10%, you get **15.0221, 24.7398, 11.2036**, and if you desaturate by 10%, it is **18.7090, 26.5114, 17.2114**.

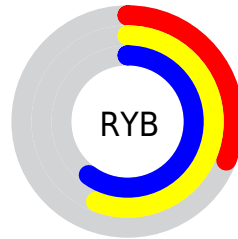
Distribution



Red (31%)

Green (60%)

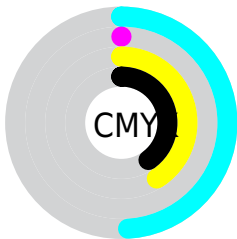
Blue (36%)



Red (31%)

Yellow (56%)

Blue (60%)

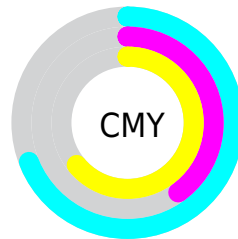


Cyan (49%)

Magenta (0%)

Yellow (41%)

Black (40%)



Cyan (69%)

Magenta (40%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6684, 25.5288, 13.9466 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 16.6684, 25.5288, 13.9466 by changing the saturation by 10% instead.

■ 16.6684, 25.5288,
13.9466

■ 16.6684, 25.5288,
13.9466

226.4478,
280.4613, 228.3152

■ 10.0922, 16.4715,
7.9452

■ 37.3029, 52.5138,
33.7100

■ 5.5229, 9.8584,
3.9726

■ 52.0919, 71.2103,
48.3091

■ 2.5951, 5.3052,
1.6103

■ 70.3492, 93.8885,
66.6112

■ 0.9434, 2.4274,
0.2982

■ 92.4402, 120.9331,
89.0348

■ 0.0000, 0.8399,
0.0000

■ 118.7302,
152.7282, 115.9985

■ 0.0000, 0.0000,
0.0000

149.5846,

189.6583, 147.9207

185.3687,
232.1079, 185.2201

■ 16.6684, 25.5288,
13.9466

■ 16.6684, 25.5288,
13.9466

■ 15.0221, 24.7398,
11.2036

■ 18.7090, 26.5114,
17.2114

■ 13.7424, 24.1286,
8.9537

■ 21.1653, 27.6959,
21.0212

■ 12.8011, 23.6819,
7.1681


■ 24.0596, 29.0940,
25.4000


■ 12.1650, 23.3833,
5.8142


■ 27.4118, 30.7156,
30.3700


■ 11.7712, 23.2011,
4.8541


■ 31.2408, 32.5699,
35.9518

 11.7277, 23.1808,
4.7558

 35.5643, 34.6657,
42.1655

 40.3991, 37.0112,
49.0298

 45.7612, 39.6143,
56.5630

 51.6660, 42.4825,
64.7826

Harmonies

Analogous

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



20.1015, 25.5288, 8.5516



16.6684, 25.5288, 13.9466



15.2745, 25.5288, 25.3061

Triad

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



16.6684, 25.5288, 13.9466



23.3784, 25.5288, 69.5217



35.0082, 25.5288, 16.9488

Complementary

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



16.6684, 25.5288, 13.9466



21.0057, 14.4155, 27.2674

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.



36.2297, 25.5288, 30.4452



16.6684, 25.5288, 13.9466



28.9656, 25.5288, 64.6494

Square

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



16.6684, 25.5288, 13.9466



18.7621, 25.5288, 60.2442



33.8754, 25.5288, 48.6814



30.7492, 25.5288, 9.7765

Rectangle

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



16.6684, 25.5288, 13.9466



15.5114, 25.5288, 36.3246



33.8754, 25.5288, 48.6814



35.8122, 25.5288, 20.7200

Sweetspot

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



16.6690, 25.5299, 13.9472



45.6801, 53.8047, 49.0871



24.2523, 29.4943, 11.8121



10.0785, 12.0522, 10.7218



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



16.6690, 25.5299, 13.9472



27.1661, 44.8818, 20.1435



18.6606, 26.3265, 24.4347



6.1705, 6.9409, 6.8211



9.5638, 18.8890, 3.9234



0.1519, 0.2860, 0.1058

Inverse Universe

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



21.0057, 14.4155, 27.2674



35.9481, 22.3243, 47.0803



18.6858, 13.4876, 15.0511



6.4187, 6.3067, 7.5852



14.1161, 6.9007, 17.6681



0.2211, 0.1072, 0.3169

Previews

White Background



This preview shows how the XYZ color 16.6684, 25.5288, 13.9466 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 16.6684, 25.5288, 13.9466 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 16.6684, 25.5288, 13.9466

Background



This preview shows how black text looks on a background with the XYZ color 16.6684, 25.5288, 13.9466.



This preview shows how white text looks on a background with the XYZ color 16.6684, 25.5288,

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

16.6684, 25.5288, 13.9466

Protanopia

23.3058, 25.3169, 12.2526

Deuteranopia

25.6724, 25.2396, 14.5850



Tritanopia

21.0665, 25.4061, 36.1413

Trichromacy



Original Color

16.6684, 25.5288, 13.9466

Protanomaly

20.0057, 24.9197, 12.7724

Deuteranomaly

21.0713, 24.5509, 14.2179

Tritanomaly

19.1703, 25.3400, 26.4350

Monochromacy



Original Color

16.6684, 25.5288, 13.9466

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

17.7729, 21.6859, 18.5783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6684, 25.5288, 13.9466 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(79, 154, 91)` looks like.

```
.text, #text, p{  
    color:rgb(79, 154, 91)  
}
```

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(79, 154, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 154, 91) }
```

Border

The CSS property to change the border of an element to XYZ 16.6684, 25.5288, 13.9466 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(79, 154, 91) }
```


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

```
.border{ border-color:rgb(79, 154, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 154, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 154, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 154, 91);  
box-shadow:4px 4px 4px 4px rgb(79, 154,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6684, 25.5288, 13.9466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 154, 91) }
```

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

```
.background{ background-color: rgb(79, 154,  
91) }
```

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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