

Converting Colors

XYZ(15.9088, 25.2522, 13.0820)

Have a look what the booklet for
XYZ(15.9088, 25.2522, 13.0820)
contains.

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Color

**XYZ(15.8744, 25.1389,
13.0325)**

Conversions

Conversions Part 1

Format	Color
Hex	479A57
RGB	71, 154, 87
RGB Percent	28%, 60%, 34%
CMY	0.7216, 0.3961, 0.6588
CMYK	0.54, 0.00, 0.44, 0.40
HSL	132°, 37%, 44%
HSV	132°, 54%, 60%
XYZ	15.8744, 25.1389, 13.0325
YIQ	121.5450, -27.9610, -38.4330

Conversions

Conversions Part 2

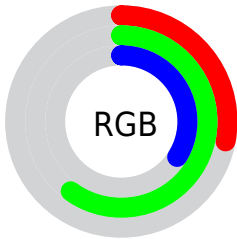
Format	Color
R_{YB}	71, 141, 154
Decimal	4692567
CIE _{Lab}	57.21, -40.21, 27.66
CIE _{LCh}	57, 48.805, 145.475
Yxy	25.1389, 0.2937, 0.4651
Android (android.graphics.Color)	4282882647 (0xFF479A57)
YUV	121.5450, -17.0307, -44.3280
Hunter-Lab	50.1387, -31.2279, 19.6859

Details

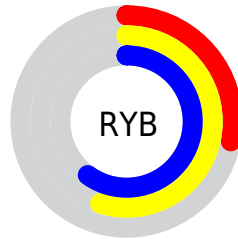
The XYZ color **15.8744, 25.1389, 13.0325** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **20.1678, 13.2118, 25.5324**, and the grayscale version is **18.4111, 19.3699, 21.0938**.

A 20% lighter version of the original color is **35.9921, 51.8715, 32.1600**, and **5.1594, 9.6688, 3.6018** is the 20% darker color. If you saturate the color by 10%, you get **14.4201, 24.4436, 10.5379**, and if you desaturate by 10%, it is **17.7038, 26.0189, 16.0024**.

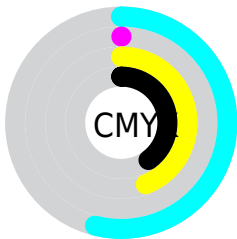
Distribution



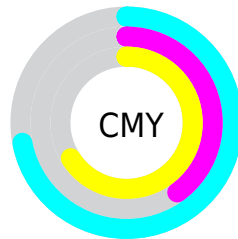
- Red (28%)
- Green (60%)
- Blue (34%)



- Red (28%)
- Yellow (55%)
- Blue (60%)



- Cyan (54%)
- Magenta (0%)
- Yellow (44%)
- Black (40%)



- Cyan (72%)
- Magenta (40%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8744, 25.1389, 13.0325 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 15.8744, 25.1389, 13.0325 by changing the saturation by 10% instead.

■ 15.8744, 25.1389,
13.0325

■ 15.8744, 25.1389,
13.0325

221.8844,
278.5290, 222.3410

■ 9.5256, 16.1806,
7.3199

■ 35.9392, 51.8825,
32.0542

■ 5.1454, 9.6520,
3.5815

■ 50.3860, 70.4365,
46.2004

■ 2.3685, 5.1689,
1.3987

■ 68.2627, 92.9579,
63.9949

■ 0.8294, 2.3467,
0.1407

■ 89.9349, 119.8310,
85.8563

■ 0.0000, 0.7982,
0.0000

■ 115.7678,
151.4403, 112.2031

■ 0.0000, 0.0000,
0.0000

146.1268,

188.1701, 143.4537

181.3772,
230.4049, 180.0269

■ 15.8744, 25.1389,
13.0325

■ 15.8744, 25.1389,
13.0325

■ 14.4201, 24.4436,
10.5379

■ 17.7038, 26.0189,
16.0024

■ 13.3123, 23.9166,
8.4923

■ 19.9301, 27.0922,
19.4687

■ 12.5215, 23.5441,
6.8692

■ 22.5761, 28.3708,
23.4533

■ 12.0120, 23.3082,
5.6390

■ 25.6620, 29.8647,
27.9765

■ 11.7865, 23.2043,
5.0653

■ 29.2067, 31.5833,
33.0571

■ 33.2280, 33.5353,
38.7133

■ 37.7429, 35.7292,
44.9625

■ 42.7674, 38.1728,
51.8211

■ 48.3169, 40.8738,
59.3051

Harmonies

Analogous

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



19.4355, 25.1389, 7.5498



15.8744, 25.1389, 13.0325



14.4584, 25.1389, 24.9429

Triad

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



15.8744, 25.1389, 13.0325



23.0298, 25.1389, 72.7906



35.3646, 25.1389, 15.8608

Complementary

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



15.8744, 25.1389, 13.0325



20.1678, 13.2118, 25.5324

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.



36.7370, 25.1389, 29.9539



15.8744, 25.1389, 13.0325



28.9865, 25.1389, 67.2044

Square

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



15.8744, 25.1389, 13.0325



18.1452, 25.1389, 62.7482



34.2408, 25.1389, 49.5982



30.7439, 25.1389, 8.6616

Rectangle

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



15.8744, 25.1389, 13.0325



14.7228, 25.1389, 36.7478



34.2408, 25.1389, 49.5982



36.2498, 25.1389, 19.7442

Sweetspot

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



15.8750, 25.1399, 13.0331



45.1811, 53.5547, 48.7360



23.3052, 29.0377, 10.3378



9.9793, 12.0021, 10.6702



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.



15.8750, 25.1399, 13.0331



25.6542, 44.1444, 18.1750



18.0324, 26.0029, 24.3938



6.1784, 6.9441, 6.8630



9.6129, 18.9086, 4.1823



0.1542, 0.2869, 0.1178

Inverse Universe

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



20.1678, 13.2118, 25.5324



34.2875, 20.0668, 43.2474



17.7512, 12.2452, 12.8069



6.4101, 6.3032, 7.5399



13.8500, 6.7942, 16.2668



0.2187, 0.1062, 0.3045

Previews

White Background



This preview shows how the XYZ color 15.8744, 25.1389, 13.0325 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 15.8744, 25.1389, 13.0325 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 15.8744, 25.1389, 13.0325

Background



This preview shows how black text looks on a background with the XYZ color 15.8744, 25.1389, 13.0325.



This preview shows how white text looks on a background with the XYZ color 15.8744, 25.1389,

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

15.8744, 25.1389, 13.0325

Protanopia

22.7881, 24.8601, 11.1868

Deuteranopia

25.1963, 24.8094, 13.8166



Tritanopia

20.4749, 25.1011, 36.1136

Trichromacy



Original Color

15.8744, 25.1389, 13.0325

Protanomaly

19.2690, 24.3344, 11.8650

Deuteranomaly

20.3269, 23.9664, 13.4522

Tritanomaly

18.3920, 24.9547, 25.6772

Monochromacy



Original Color

15.8744, 25.1389, 13.0325

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

16.8789, 21.0379, 17.6391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8744, 25.1389, 13.0325 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(71, 154, 87)` looks like.

```
.text, #text, p{  
    color:rgb(71, 154, 87)  
}
```

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(71, 154, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 154, 87) }
```

Border

The CSS property to change the border of an element to XYZ 15.8744, 25.1389, 13.0325 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(71, 154, 87) }
```


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

```
.border{ border-color:rgb(71, 154, 87) }
```

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

Here you see how a box with a 4 pixel rgb(71, 154, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 154, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 154, 87);  
box-shadow:4px 4px 4px 4px rgb(71, 154,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8744, 25.1389, 13.0325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 154, 87) }
```

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

```
.background{ background-color: rgb(71, 154,  
87) }
```

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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