

Converting Colors

$Yxy(25.5327, 0.2652, 0.4508)$

Have a look what the booklet for
Yxy(25.5327, 0.2652, 0.4508)
contains.

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Color

Yxy(25.6651, 0.2649, 0.4505)

Conversions

Conversions Part 1

Format	Color
Hex	1F9E64
RGB	31, 158, 100
RGB Percent	12%, 62%, 39%
CMY	0.8785, 0.3804, 0.6079
CMYK	0.80, 0.00, 0.37, 0.38
HSL	153°, 67%, 37%
HSV	153°, 80%, 62%
XYZ	15.0914, 25.6651, 16.2137
YIQ	113.4150, -57.0740, -44.9620

Conversions

Conversions Part 2

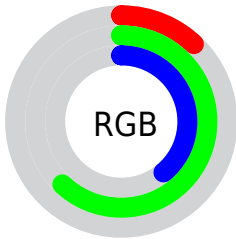
Format	Color
R_{YB}	31, 113, 158
Decimal	2072164
CIE _{Lab}	57.72, -47.00, 21.09
CIE _{LCh}	58, 51.516, 155.831
Yxy	25.6651, 0.2649, 0.4505
Android (android.graphics.Color)	4280262244 (0xFF1F9E64)
YUV	113.4150, -6.6136, -72.2780
Hunter-Lab	50.6607, -35.4826, 16.4870

Details

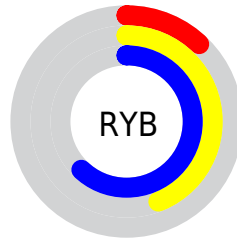
The Yxy color **25.6651, 0.2649, 0.4505** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8.9695, 0.4595, 0.2514**, and the grayscale version is **16.6746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9242, 0.2768, 0.4225**, and **10.3602, 0.2696, 0.4905** is the 20% darker color. If you saturate the color by 10%, you get **25.3446, 0.2657, 0.4678**, and if you desaturate by 10%, it is **26.1202, 0.2661, 0.4329**.

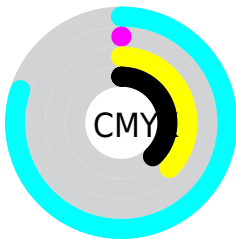
Distribution



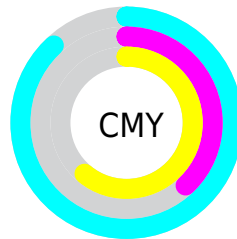
- Red (12%)
- Green (62%)
- Blue (39%)



- Red (12%)
- Yellow (44%)
- Blue (62%)



- Cyan (80%)
- Magenta (0%)
- Yellow (37%)
- Black (38%)





- Cyan (88%)
- Magenta (38%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6651, 0.2649, 0.4505 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 Yxy color 25.6651, 0.2649, 0.4505 by changing the saturation by 10% instead.


 25.6651, 0.2649,
0.4505


 25.6651, 0.2649,
0.4505


281.1342, 0.2933,
0.3794


 16.5733, 0.2558,
0.4727


 52.7342, 0.2765,
0.4217

 9.9307, 0.2427,
0.5044


 71.4802, 0.2805,
0.4118


 5.3530, 0.2222,
0.5529

 94.2131, 0.2837,
0.4038

 2.4559, 0.1870,
0.6406

 121.3172, 0.2863,
0.3972

 0.8544, 0.0000,
1.0000

 153.1770, 0.2885,
0.3917

 0.0000, 0.0000,
0.0000

 190.1768, 0.2903,

0.3870

232.7011, 0.2919,
0.3830

■ 25.6651, 0.2649,
0.4505

■ 25.6651, 0.2649,
0.4505

■ 25.3446, 0.2657,
0.4678

■ 26.1202, 0.2661,
0.4329

■ 25.1246, 0.2678,
0.4840

■ 26.7228, 0.2691,
0.4154

■ 27.4872, 0.2738,
0.3985

■ 28.4256, 0.2800,
0.3823

■ 29.5486, 0.2872,
0.3672

■ 30.8661, 0.2951,
0.3534

■ 32.3873, 0.3036,
0.3408

■ 34.1208, 0.3124,
0.3294

■ 36.0745, 0.3212,
0.3193

Harmonies

Analogous

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



25.6651, 0.3464, 0.4916



25.6651, 0.2649, 0.4505



25.6651, 0.2010, 0.3585

Triad

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



25.6651, 0.2649, 0.4505



25.6651, 0.1994, 0.1997



25.6651, 0.4814, 0.3497

Complementary

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



25.6651, 0.2649, 0.4505



8.9695, 0.4595, 0.2514

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.



25.6651, 0.4317, 0.2900



25.6651, 0.2649, 0.4505



25.6651, 0.2599, 0.2083

Square

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



25.6651, 0.2649, 0.4505



25.6651, 0.1692, 0.2187



25.6651, 0.3453, 0.2402



25.6651, 0.4753, 0.4124

Rectangle

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



25.6651, 0.2649, 0.4505



25.6651, 0.1759, 0.2971



25.6651, 0.3453, 0.2402



25.6651, 0.4708, 0.3292

Sweetspot

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



25.6661, 0.2649, 0.4505



55.0308, 0.2918, 0.3589



26.7405, 0.3409, 0.5454



12.2270, 0.2891, 0.3636



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



25.6661, 0.2649, 0.4505



45.7222, 0.2675, 0.4803



25.7951, 0.2270, 0.3208



7.4583, 0.3046, 0.3394



20.1291, 0.2674, 0.4826



0.3684, 0.2487, 0.4152

Inverse Universe

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



8.9695, 0.4595, 0.2514



14.2773, 0.5056, 0.2584



8.5830, 0.5819, 0.3339



6.6940, 0.3216, 0.3188



6.2059, 0.5096, 0.2581



0.1194, 0.4209, 0.2093

Previews

White Background



This preview shows how the Yxy color 25.6651, 0.2649, 0.4505 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 Yxy color 25.6651, 0.2649, 0.4505 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](#).

Yxy 25.6651, 0.2649, 0.4505

Background



This preview shows how black text looks on a background with the Yxy color 25.6651, 0.2649, 0.4505.



This preview shows how white text looks on a background with the Yxy color 25.6651, 0.2649, 0.4505.

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

25.6651, 0.2649, 0.4505

Protanopia

25.3392, 0.3744, 0.4052

Deuteranopia

25.2245, 0.3780, 0.3703



Tritanopia

25.5138, 0.2340, 0.3051

Trichromacy



Original Color

25.6651, 0.2649, 0.4505



Protanomaly

24.1412, 0.3192, 0.4250



Deuteranomaly

23.6266, 0.3201, 0.3988



Tritanomaly

25.3797, 0.2441, 0.3542

Monochromacy



Original Color

25.6651, 0.2649, 0.4505



Achromatopsia

16.5132, 0.3127, 0.3290



Achromatomaly

18.6222, 0.2837, 0.3741

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6651, 0.2649, 0.4505 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(31, 158, 100)` looks like.

```
.text, #text, p{  
    color:rgb(31, 158, 100)  
}
```

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(31, 158, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 158, 100) }
```

Border

The CSS property to change the border of an element to Yxy 25.6651, 0.2649, 0.4505 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(31, 158, 100) }
```

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

```
.border{ border-color:rgb(31, 158, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 158, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 158, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 158, 100);  
box-shadow:4px 4px 4px 4px rgb(31, 158,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6651, 0.2649, 0.4505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 158, 100) }
```

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

```
.background{ background-color: rgb(31, 158,  
100) }
```

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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