

Converting Colors

$Yxy(25.8513, 0.3325, 0.5616)$

Have a look what the booklet for
Yxy(25.8513, 0.3325, 0.5616)
contains.

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Color

Yxy(25.7459, 0.3325, 0.5612)

Conversions

Conversions Part 1

Format	Color
Hex	4D9D15
RGB	77, 157, 21
RGB Percent	30%, 62%, 8%
CMY	0.6980, 0.3843, 0.9175
CMYK	0.51, 0.00, 0.87, 0.38
HSL	95°, 76%, 35%
HSV	95°, 87%, 62%
XYZ	15.2539, 25.7459, 4.8767
YIQ	117.5760, -4.0240, -59.2560

Conversions

Conversions Part 2

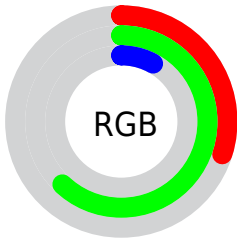
Format	Color
R_{YB}	21, 157, 101
Decimal	5086485
CIE _{Lab}	57.80, -46.36, 56.21
CIE _{LCh}	58, 72.862, 129.519
Yxy	25.7459, 0.3325, 0.5612
Android (android.graphics.Color)	4283276565 (0xFF4D9D15)
YUV	117.5760, -47.6120, -35.5852
Hunter-Lab	50.7404, -35.1338, 29.8199

Details

The Yxy color **25.7459, 0.3325, 0.5612** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5.7408, 0.2352, 0.1152**, and the grayscale version is **18.1327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7345, 0.3365, 0.5096**, and **10.1225, 0.3012, 0.5991** is the 20% darker color. If you saturate the color by 10%, you get **25.3470, 0.3279, 0.5749**, and if you desaturate by 10%, it is **26.2367, 0.3356, 0.5418**.

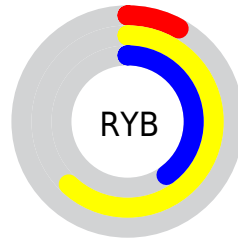
Distribution



Red (30%)

Green (62%)

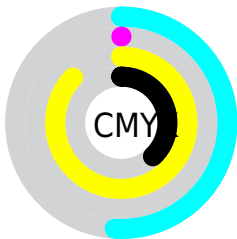
Blue (8%)



Red (8%)

Yellow (62%)

Blue (40%)

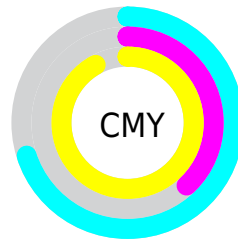


Cyan (51%)

Magenta (0%)

Yellow (87%)

Black (38%)



Cyan (70%)


Magenta (38%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7459, 0.3325, 0.5612 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 25.7459, 0.3325, 0.5612 by changing the saturation by 10% instead.


 25.7459, 0.3325,
0.5612


 25.7459, 0.3325,
0.5612


281.5325, 0.3320,
0.4283

 16.6336, 0.3264,
0.5975


 52.8647, 0.3362,
0.5097

 9.9736, 0.3141,
0.6454


 71.6401, 0.3362,
0.4912


 5.3815, 0.2898,
0.7102

 94.4053, 0.3358,
0.4759

 2.4728, 0.2305,
0.7695

 121.5447, 0.3352,
0.4632

 0.8630, 0.0000,
1.0000

 153.4427, 0.3344,
0.4524

 0.0000, 0.0000,
0.0000

 190.4838, 0.3336,

0.4432

233.0522, 0.3328,
0.4353

25.7459, 0.3325,
0.5612

25.7459, 0.3325,
0.5612

25.3470, 0.3279,
0.5749

26.2367, 0.3356,
0.5418

25.2257, 0.3263,
0.5791

26.8254, 0.3367,
0.5174

27.5200, 0.3361,
0.4895

28.3268, 0.3339,
0.4595

29.2512, 0.3305,
0.4290

■ 30.2984, 0.3261,
0.3993

■ 31.4733, 0.3213,
0.3711

■ 32.7803, 0.3161,
0.3450

■ 34.2238, 0.3110,
0.3212

Harmonies

Analogous

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



25.7459, 0.4372, 0.5165



25.7459, 0.3325, 0.5612



25.7459, 0.2283, 0.4957

Triad

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



25.7459, 0.3325, 0.5612



25.7459, 0.1300, 0.1758



25.7459, 0.4920, 0.2810

Complementary

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



25.7459, 0.3325, 0.5612



5.7408, 0.2352, 0.1152

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.



25.7459, 0.3713, 0.2180



25.7459, 0.3325, 0.5612



25.7459, 0.1704, 0.1604

Square

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



25.7459, 0.3325, 0.5612



25.7459, 0.1235, 0.2328



25.7459, 0.2511, 0.1757



25.7459, 0.5476, 0.3536

Rectangle

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



25.7459, 0.3325, 0.5612



25.7459, 0.1736, 0.3986



25.7459, 0.2511, 0.1757



25.7459, 0.4561, 0.2584

Sweetspot

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



25.7470, 0.3325, 0.5612



54.2797, 0.3261, 0.3990



16.4046, 0.4912, 0.4325



11.8069, 0.3276, 0.4083



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



25.7470, 0.3325, 0.5612



45.0696, 0.3250, 0.5802



24.3806, 0.2976, 0.5744



7.5277, 0.3175, 0.3517



20.5082, 0.3268, 0.5787



0.3908, 0.3593, 0.5529

Inverse Universe

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



5.7408, 0.2352, 0.1152



8.3541, 0.2200, 0.0986



9.7713, 0.3390, 0.1713



6.6183, 0.3075, 0.3065



3.8626, 0.2224, 0.0999



0.0934, 0.2628, 0.1221

Previews

White Background



This preview shows how the Yxy color 25.7459, 0.3325, 0.5612 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 25.7459, 0.3325, 0.5612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

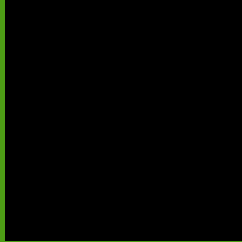
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7459, 0.3325, 0.5612

Background



This preview shows how black text looks on a background with the Yxy color 25.7459, 0.3325, 0.5612.



This preview shows how white text looks on a background with the Yxy color 25.7459, 0.3325, 0.5612.

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

25.7459, 0.3325, 0.5612

Protanopia

25.2794, 0.4377, 0.4834

Deuteranopia

25.2568, 0.4564, 0.4485



Tritanopia

25.6231, 0.2580, 0.3077

Trichromacy



Original Color

25.7459, 0.3325, 0.5612

Protanomaly

24.8033, 0.3946, 0.5157

Deuteranomaly

24.2637, 0.4075, 0.4914

Tritanomaly

25.0691, 0.2924, 0.4111

Monochromacy



Original Color

25.7459, 0.3325, 0.5612

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

20.0106, 0.3302, 0.4289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7459, 0.3325, 0.5612 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(77, 157, 21)` looks like.

```
.text, #text, p{  
    color:rgb(77, 157, 21)  
}
```

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(77, 157, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 157, 21) }
```

Border

The CSS property to change the border of an element to Yxy 25.7459, 0.3325, 0.5612 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(77, 157, 21) }
```

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

```
.border{ border-color:rgb(77, 157, 21) }
```

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

Here you see how a box with a 4 pixel rgb(77, 157, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 157, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 157, 21);  
box-shadow:4px 4px 4px 4px rgb(77, 157,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7459, 0.3325, 0.5612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 157, 21) }
```

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

```
.background{ background-color: rgb(77, 157,  
21) }
```

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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