

Converting Colors

$Yxy(25.5505, 0.3093, 0.5463)$

Have a look what the booklet for
Yxy(25.5505, 0.3093, 0.5463)
contains.

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Color

$\text{Yxy}(25.5505, 0.3093, 0.5463)$

Conversions

Conversions Part 1

Format	Color
Hex	3A9E2E
RGB	58, 158, 46
RGB Percent	23%, 62%, 18%
CMY	0.7724, 0.3804, 0.8196
CMYK	0.63, 0.00, 0.71, 0.38
HSL	114°, 55%, 40%
HSV	114°, 71%, 62%
XYZ	14.4660, 25.5505, 6.7536
YIQ	115.3320, -23.6480, -56.0320

Conversions

Conversions Part 2

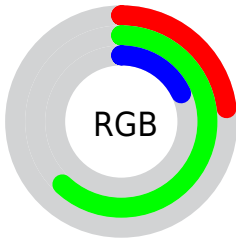
Format	Color
R_{YB}	46, 158, 146
Decimal	3841582
CIE _{Lab}	57.61, -50.32, 47.74
CIE _{LCh}	58, 69.363, 136.506
Yxy	25.5505, 0.3093, 0.5463
Android (android.graphics.Color)	4282031662 (0xFF3A9E2E)
YUV	115.3320, -34.1807, -50.2802
Hunter-Lab	50.5475, -37.3739, 27.4616

Details

The Yxy color **25.5505, 0.3093, 0.5463** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **10.5311, 0.3020, 0.1674**, and the grayscale version is **17.3645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7569, 0.3159, 0.4962**, and **10.1032, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **25.0825, 0.3071, 0.5707**, and if you desaturate by 10%, it is **26.1823, 0.3111, 0.5164**.

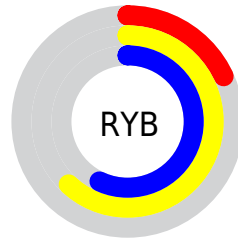
Distribution



Red (23%)

Green (62%)

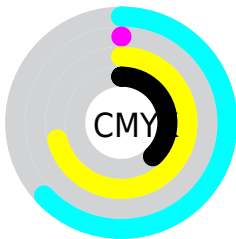
Blue (18%)



Red (18%)

Yellow (62%)

Blue (57%)

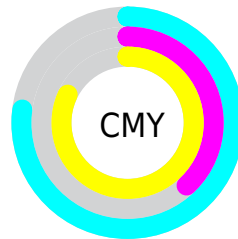


Cyan (63%)

Magenta (0%)

Yellow (71%)

Black (38%)



Cyan (77%)


Magenta (38%)


Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5505, 0.3093, 0.5463 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 25.5505, 0.3093, 0.5463 by changing the saturation by 10% instead.


 25.5505, 0.3093,
0.5463


 25.5505, 0.3093,
0.5463


280.5685, 0.3191,
0.4192


 16.4877, 0.3019,
0.5836


 52.5489, 0.3159,
0.4956

 9.8699, 0.2883,
0.6337


 71.2533, 0.3174,
0.4779

 5.3128, 0.2718,
0.7282

 93.9402, 0.3182,
0.4635

 2.4319, 0.2043,
0.7957

 120.9943, 0.3187,
0.4516

 0.8422, 0.0000,
1.0000

 152.7997, 0.3190,
0.4415

 0.0000, 0.0000,
0.0000

 189.7410, 0.3191,

0.4330

232.2024, 0.3191,
0.4256

■ 25.5505, 0.3093,
0.5463

■ 25.5505, 0.3093,
0.5463

■ 25.0825, 0.3071,
0.5707

■ 26.1823, 0.3111,
0.5164

■ 24.7601, 0.3047,
0.5877

■ 26.9878, 0.3124,
0.4832

■ 24.5728, 0.3030,
0.5976

■ 27.9800, 0.3131,
0.4490

■ 29.1694, 0.3135,
0.4158

■ 30.5661, 0.3135,
0.3846

■ 32.1793, 0.3132,
0.3563

■ 34.0177, 0.3128,
0.3311

■ 36.0894, 0.3122,
0.3089

■ 38.4024, 0.3115,
0.2895

Harmonies

Analogous

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



25.5505, 0.4124, 0.5259



25.5505, 0.3093, 0.5463



25.5505, 0.2122, 0.4572

Triad

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



25.5505, 0.3093, 0.5463



25.5505, 0.1419, 0.1747



25.5505, 0.5039, 0.2995

Complementary

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



25.5505, 0.3093, 0.5463



10.5311, 0.3020, 0.1674

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.



25.5505, 0.3982, 0.2350



25.5505, 0.3093, 0.5463



25.5505, 0.1900, 0.1669

Square

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



25.5505, 0.3093, 0.5463



25.5505, 0.1281, 0.2199



25.5505, 0.2781, 0.1881



25.5505, 0.5387, 0.3722

Rectangle

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



25.5505, 0.3093, 0.5463



25.5505, 0.1652, 0.3623



25.5505, 0.2781, 0.1881



25.5505, 0.4744, 0.2768

Sweetspot

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



25.5516, 0.3093, 0.5463



55.3650, 0.3135, 0.3862



27.6970, 0.4186, 0.4692



12.3268, 0.3135, 0.3940



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.



25.5516, 0.3093, 0.5463



45.1807, 0.3058, 0.5815



25.7550, 0.2780, 0.4724



7.4335, 0.3132, 0.3520



19.6893, 0.3033, 0.5974



0.3608, 0.3177, 0.5859

Inverse Universe

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



10.5311, 0.3020, 0.1674



16.1149, 0.2979, 0.1484



10.4625, 0.3956, 0.2277



6.7184, 0.3121, 0.3068



6.5249, 0.2946, 0.1396



0.1260, 0.3059, 0.1459

Previews

White Background



This preview shows how the Yxy color 25.5505, 0.3093, 0.5463 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 25.5505, 0.3093, 0.5463 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 25.5505, 0.3093, 0.5463

Background



This preview shows how black text looks on a background with the Yxy color 25.5505, 0.3093, 0.5463.



This preview shows how white text looks on a background with the Yxy color 25.5505, 0.3093, 0.5463.

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

25.5505, 0.3093, 0.5463

Protanopia

25.2071, 0.4242, 0.4687

Deuteranopia

25.1760, 0.4414, 0.4337



Tritanopia

25.5678, 0.2479, 0.3091

Trichromacy



Original Color

25.5505, 0.3093, 0.5463

Protanomaly

24.3472, 0.3743, 0.5016

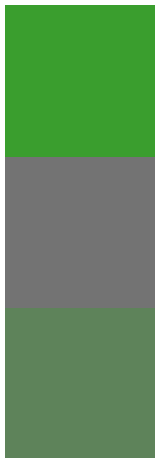
Deuteranomaly

24.0435, 0.3850, 0.4783

Tritanomaly

25.2603, 0.2729, 0.3962

Monochromacy



Original Color

25.5505, 0.3093, 0.5463

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

19.3505, 0.3130, 0.4155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5505, 0.3093, 0.5463 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(58, 158, 46)` looks like.

```
.text, #text, p{  
    color:rgb(58, 158, 46)  
}
```

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(58, 158, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 158, 46) }
```

Border

The CSS property to change the border of an element to Yxy 25.5505, 0.3093, 0.5463 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(58, 158, 46) }
```

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

```
.border{ border-color:rgb(58, 158, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 158, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 158, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 158, 46);  
box-shadow:4px 4px 4px 4px rgb(58, 158,  
46) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5505, 0.3093, 0.5463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 158, 46) }
```

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

```
.background{ background-color: rgb(58, 158,  
46) }
```

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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