

Converting Colors

$Y_{xy}(10.5614, 0.3103, 0.5549)$

Have a look what the booklet for
Yxy(10.5614, 0.3103, 0.5549)
contains.

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Color

Yxy(10.5092, 0.3098, 0.5540)

Conversions

Conversions Part 1

Format	Color
Hex	226918
RGB	34, 105, 24
RGB Percent	13%, 41%, 9%
CMY	0.8666, 0.5882, 0.9058
CMYK	0.68, 0.00, 0.77, 0.59
HSL	113°, 63%, 25%
HSV	113°, 77%, 41%
XYZ	5.8768, 10.5092, 2.5837
YIQ	74.5370, -16.3150, -40.2430

Conversions

Conversions Part 2

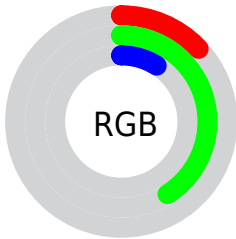
Format	Color
R_{YB}	24, 105, 95
Decimal	2255128
CIE Lab	38.74, -38.24, 36.91
CIE LCh	39, 53.147, 136.014
Yxy	10.5092, 0.3098, 0.5540
Android (android.graphics.Color)	4280445208 (0xFF226918)
YUV	74.5370, -24.9147, -35.5509
Hunter-Lab	32.4179, -24.3723, 17.9672

Details

The Yxy color **10.5092, 0.3098, 0.5540** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4.1065, 0.2983, 0.1613**, and the grayscale version is **6.9979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.7188, 0.3181, 0.4890**, and **2.8283, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **10.3380, 0.3075, 0.5755**, and if you desaturate by 10%, it is **10.7401, 0.3117, 0.5269**.

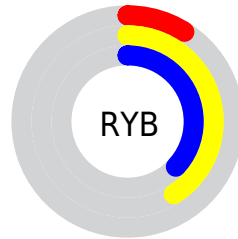
Distribution



Red (13%)

Green (41%)

Blue (9%)



Red (9%)

Yellow (41%)

Blue (37%)

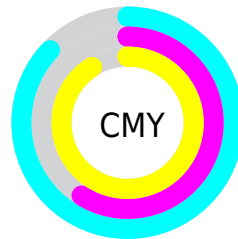


Cyan (68%)

Magenta (0%)

Yellow (77%)

Black (59%)



Cyan (87%)


Magenta (59%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.5092, 0.3098, 0.5540 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 10.5092, 0.3098, 0.5540 by changing the saturation by 10% instead.

 10.5092, 0.3098,
0.5540


 10.5092, 0.3098,
0.5540


194.2687, 0.3196,
0.4065


 5.7379, 0.2979,
0.6083

 26.7489, 0.3180,
0.4887


 2.6863, 0.2818,
0.7182


 38.9861, 0.3192,
0.4680

 0.9703, 0.0000,
1.0000

 54.4807, 0.3198,
0.4519


 0.0000, 0.0000,
0.0000


 73.6172, 0.3201,
0.4391

 96.7798, 0.3201,
0.4287


 124.3529, 0.3200,


0.4200


 156.7211, 0.3198,
0.4128


 10.5092, 0.3098,
0.5540


 10.5092, 0.3098,
0.5540

 10.3380, 0.3075,
0.5755


 10.7401, 0.3117,
0.5269


 10.2166, 0.3054,
0.5915

 11.0342, 0.3130,
0.4960

 10.1885, 0.3051,
0.5959

 11.3962, 0.3139,
0.4635

 11.8300, 0.3142,
0.4312

 12.3392, 0.3142,
0.4003

■ 12.9273, 0.3138,
0.3717

■ 13.5972, 0.3132,
0.3457

■ 14.3521, 0.3125,
0.3226

■ 15.1948, 0.3117,
0.3023

Harmonies

Analogous

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



10.5092, 0.4150, 0.5293



10.5092, 0.3098, 0.5540



10.5092, 0.2104, 0.4639

Triad

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



10.5092, 0.3098, 0.5540



10.5092, 0.1378, 0.1715



10.5092, 0.5082, 0.2970

Complementary

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



10.5092, 0.3098, 0.5540



4.1065, 0.2983, 0.1613

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.



10.5092, 0.3984, 0.2317



10.5092, 0.3098, 0.5540



10.5092, 0.1859, 0.1633

Square

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



10.5092, 0.3098, 0.5540



10.5092, 0.1243, 0.2178



10.5092, 0.2751, 0.1844



10.5092, 0.5446, 0.3705

Rectangle

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



10.5092, 0.3098, 0.5540



10.5092, 0.1623, 0.3653



10.5092, 0.2751, 0.1844



10.5092, 0.4775, 0.2740

Sweetspot

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



10.5096, 0.3098, 0.5540



22.4435, 0.3141, 0.3901



11.1107, 0.4241, 0.4707



5.1933, 0.3142, 0.3980



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



10.5096, 0.3098, 0.5540



18.3247, 0.3053, 0.5883



10.5612, 0.2790, 0.4840



3.4611, 0.3133, 0.3503



12.8899, 0.3046, 0.5963



65.4636, 0.3026, 0.5979

Inverse Universe

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



4.1065, 0.2983, 0.1613



6.1643, 0.2928, 0.1424



4.1694, 0.3969, 0.2226



3.1459, 0.3119, 0.3083



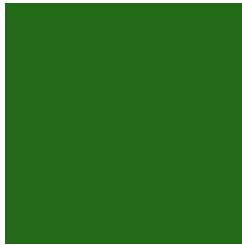
4.1637, 0.2911, 0.1378



20.9603, 0.2894, 0.1368

Previews

White Background



This preview shows how the Yxy color 10.5092, 0.3098, 0.5540 looks on a white background.

Color Contrast Check

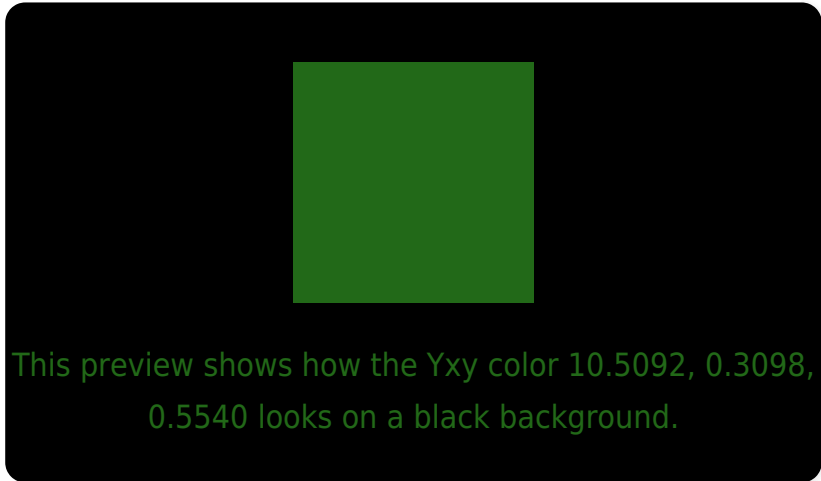
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

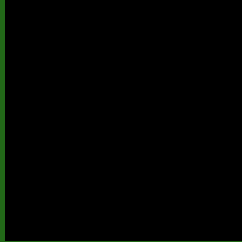
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.5092, 0.3098, 0.5540

Background



This preview shows how black text looks on a background with the Yxy color 10.5092, 0.3098, 0.5540.



This preview shows how white text looks on a background with the Yxy color 10.5092, 0.3098, 0.5540.

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

10.5092, 0.3098, 0.5540

Protanopia

10.3575, 0.4273, 0.4735

Deuteranopia

10.2706, 0.4431, 0.4376



Tritanopia

10.5602, 0.2477, 0.3081

Trichromacy



Original Color

10.5092, 0.3098, 0.5540

Protanomaly

9.9977, 0.3760, 0.5094

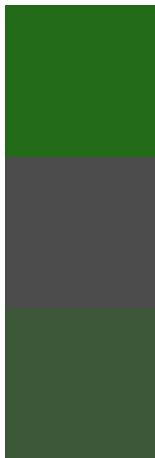
Deuteranomaly

9.8022, 0.3850, 0.4843

Tritanomaly

10.4335, 0.2738, 0.4007

Monochromacy



Original Color

10.5092, 0.3098, 0.5540

Achromatopsia

7.0360, 0.3127, 0.3290

Achromatomaly

7.9018, 0.3147, 0.4212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5092, 0.3098, 0.5540 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(34, 105, 24)` looks like.

```
.text, #text, p{  
    color:rgb(34, 105, 24)  
}
```

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(34, 105, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 105, 24) }
```

Border

The CSS property to change the border of an element to Yxy 10.5092, 0.3098, 0.5540 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(34, 105, 24) }
```

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

```
.border{ border-color:rgb(34, 105, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 105, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 105, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 105, 24);  
box-shadow:4px 4px 4px 4px rgb(34, 105,  
24) }
```


Background

The CSS property to change the background color of an element to Yxy 10.5092, 0.3098, 0.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 105, 24) }
```

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

```
.background{ background-color: rgb(34, 105,  
24) }
```

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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