

Converting Colors

$Yxy(11.6946, 0.3106, 0.5035)$

Have a look what the booklet for
Yxy(11.6946, 0.3106, 0.5035)
contains.

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Color

Yxy(11.5927, 0.3098, 0.5021)

Conversions

Conversions Part 1

Format	Color
Hex	326C2D
RGB	50, 108, 45
RGB Percent	20%, 42%, 18%
CMY	0.8038, 0.5765, 0.8235
CMYK	0.54, 0.00, 0.58, 0.58
HSL	115°, 41%, 30%
HSV	115°, 58%, 42%
XYZ	7.1528, 11.5927, 4.3429
YIQ	83.4760, -14.3450, -31.8890

Conversions

Conversions Part 2

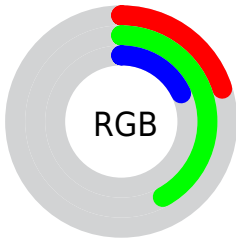
Format	Color
R_{YB}	45, 108, 103
Decimal	3304493
CIE _{Lab}	40.56, -32.70, 29.19
CIE _{LCh}	41, 43.831, 138.252
Yxy	11.5927, 0.3098, 0.5021
Android (android.graphics.Color)	4281494573 (0xFF326C2D)
YUV	83.4760, -18.9687, -29.3585
Hunter-Lab	34.0481, -22.0849, 16.2710

Details

The Yxy color **11.5927, 0.3098, 0.5021** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5.8407, 0.3088, 0.1953**, and the grayscale version is **8.7960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7567, 0.3147, 0.4519**, and **3.2317, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **11.2945, 0.3083, 0.5330**, and if you desaturate by 10%, it is **11.9681, 0.3110, 0.4692**.

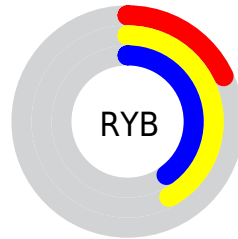
Distribution



 Red (20%)

 Green (42%)

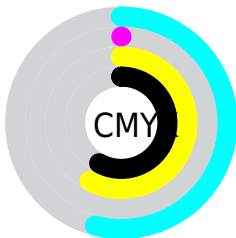
 Blue (18%)




 Red (18%)

 Yellow (42%)

 Blue (40%)

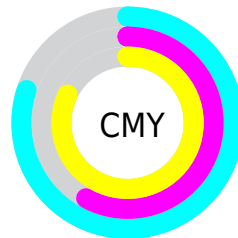


 Cyan (54%)


 Magenta (0%)

 Yellow (58%)

 Black (58%)



 Cyan (80%)


 Magenta (58%)

 Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5927, 0.3098, 0.5021 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 11.5927, 0.3098, 0.5021 by changing the saturation by 10% instead.


 11.5927, 0.3098,
0.5021


 11.5927, 0.3098,
0.5021


201.6899, 0.3161,
0.3900

 6.4670, 0.3033,
0.5440


 28.7511, 0.3145,
0.4526


 3.1311, 0.2933,
0.6200

 41.5525, 0.3154,
0.4369

 1.2005, 0.2068,
0.7932

 57.6814, 0.3158,
0.4248

 0.0621, 0.0000,
1.0000

 77.5220, 0.3161,
0.4150

 0.0000, 0.0000,
0.0000

 101.4587, 0.3162,
0.4070

 129.8760, 0.3162,

0.4004

163.1583, 0.3161,
0.3948

■ 11.5927, 0.3098,
0.5021

■ 11.5927, 0.3098,
0.5021

■ 11.2945, 0.3083,
0.5330

■ 11.9681, 0.3110,
0.4692

■ 11.0667, 0.3065,
0.5596

■ 12.4239, 0.3118,
0.4362

■ 10.9039, 0.3046,
0.5800

■ 12.9649, 0.3124,
0.4046

■ 10.7951, 0.3032,
0.5950

■ 13.5953, 0.3127,
0.3753

■ 10.7805, 0.3032,
0.5975

■ 14.3188, 0.3128,
0.3488

■ 15.1390, 0.3127,
0.3253

■ 16.0592, 0.3125,
0.3046

■ 17.0828, 0.3122,
0.2865

■ 18.2127, 0.3119,
0.2707

Harmonies

Analogous

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



11.5927, 0.3986, 0.4991



11.5927, 0.3098, 0.5021



11.5927, 0.2264, 0.4259

Triad

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



11.5927, 0.3098, 0.5021



11.5927, 0.1666, 0.1960



11.5927, 0.4743, 0.3110

Complementary

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



11.5927, 0.3098, 0.5021



5.8407, 0.3088, 0.1953

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.



11.5927, 0.3902, 0.2524



11.5927, 0.3098, 0.5021



11.5927, 0.2120, 0.1893

Square

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



11.5927, 0.3098, 0.5021



11.5927, 0.1529, 0.2358



11.5927, 0.2904, 0.2094



11.5927, 0.5027, 0.3768

Rectangle

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



11.5927, 0.3098, 0.5021



11.5927, 0.1858, 0.3519



11.5927, 0.2904, 0.2094



11.5927, 0.4509, 0.2903

Sweetspot

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



11.5932, 0.3098, 0.5021



23.8507, 0.3127, 0.3757



13.0280, 0.3973, 0.4507



5.7084, 0.3126, 0.3822



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



11.5932, 0.3098, 0.5021



19.6731, 0.3077, 0.5431



11.7408, 0.2790, 0.4316



3.4553, 0.3128, 0.3504



12.8531, 0.3029, 0.5977



65.3281, 0.3014, 0.5989

Inverse Universe

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



5.8407, 0.3088, 0.1953



8.5002, 0.3068, 0.1720



5.6701, 0.3775, 0.2478



3.1522, 0.3125, 0.3084



4.4749, 0.3017, 0.1436



22.6256, 0.3006, 0.1429

Previews

White Background



This preview shows how the Yxy color 11.5927, 0.3098, 0.5021 looks on a white background.

Color Contrast Check

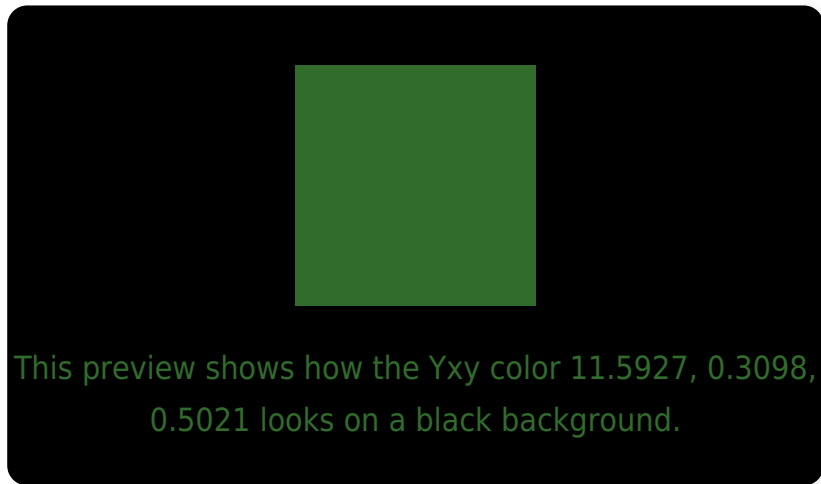
Large Text (above 18pt) WCAG AA ✓ Pass

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

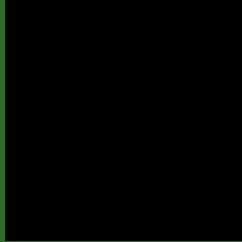
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5927, 0.3098, 0.5021

Background



This preview shows how black text looks on a background with the Yxy color 11.5927, 0.3098, 0.5021.



This preview shows how white text looks on a background with the Yxy color 11.5927, 0.3098, 0.5021.

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

11.5927, 0.3098, 0.5021

Protanopia

11.4087, 0.4078, 0.4457

Deuteranopia

11.4944, 0.4196, 0.4139



Tritanopia

11.5231, 0.2550, 0.3067

Trichromacy



Original Color

11.5927, 0.3098, 0.5021

Protanomaly

11.2599, 0.3676, 0.4697

Deuteranomaly

11.0899, 0.3750, 0.4461

Tritanomaly

11.5023, 0.2764, 0.3769

Monochromacy



Original Color

11.5927, 0.3098, 0.5021

Achromatopsia

8.6500, 0.3127, 0.3290

Achromatomaly

9.4236, 0.3128, 0.3930

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5927, 0.3098, 0.5021 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(50, 108, 45)` looks like.

```
.text, #text, p{  
    color:rgb(50, 108, 45)  
}
```

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(50, 108, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 108, 45) }
```

Border

The CSS property to change the border of an element to Yxy 11.5927, 0.3098, 0.5021 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(50, 108, 45) }
```

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

```
.border{ border-color:rgb(50, 108, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 108, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 108, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 108, 45);  
box-shadow:4px 4px 4px 4px rgb(50, 108,  
45) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5927, 0.3098, 0.5021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 108, 45) }
```

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

```
.background{ background-color: rgb(50, 108,  
45) }
```

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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