

Converting Colors

$Y_{xy}(10.7904, 0.3236, 0.5109)$

Have a look what the booklet for
Yxy(10.7904, 0.3236, 0.5109)
contains.

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Color

Yxy(10.8464, 0.3238, 0.5119)

Conversions

Conversions Part 1

Format	Color
Hex	376825
RGB	55, 104, 37
RGB Percent	22%, 41%, 15%
CMY	0.7842, 0.5922, 0.8549
CMYK	0.47, 0.00, 0.64, 0.59
HSL	104°, 48%, 28%
HSV	104°, 64%, 41%
XYZ	6.8608, 10.8464, 3.4813
YIQ	81.7110, -7.6970, -31.2250

Conversions

Conversions Part 2

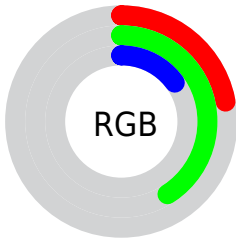
Format	Color
R_{YB}	37, 104, 86
Decimal	3631141
CIE _{Lab}	39.32, -30.27, 31.90
CIE _{LCh}	39, 43.975, 133.492
Yxy	10.8464, 0.3238, 0.5119
Android (android.graphics.Color)	4281821221 (0xFF376825)
YUV	81.7110, -22.0425, -23.4255
Hunter-Lab	32.9339, -20.4489, 16.7865

Details

The Yxy color **10.8464, 0.3238, 0.5119** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4.2985, 0.2814, 0.1730**, and the grayscale version is **8.4243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.4970, 0.3254, 0.4595**, and **2.8477, 0.3042, 0.5967** is the 20% darker color. If you saturate the color by 10%, you get **10.5921, 0.3224, 0.5390**, and if you desaturate by 10%, it is **11.1533, 0.3240, 0.4820**.

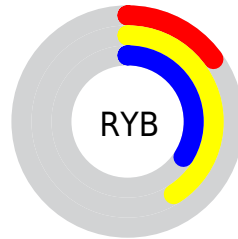
Distribution



Red (22%)

Green (41%)

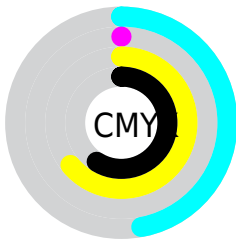
Blue (15%)



Red (15%)

Yellow (41%)

Blue (34%)

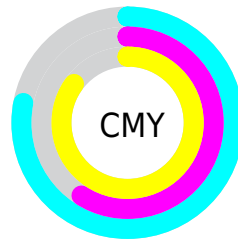


Cyan (47%)

Magenta (0%)

Yellow (64%)

Black (59%)



Cyan (78%)


Magenta (59%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.8464, 0.3238, 0.5119 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 10.8464, 0.3238, 0.5119 by changing the saturation by 10% instead.


 10.8464, 0.3238,
0.5119


 10.8464, 0.3238,
0.5119


196.6107, 0.3222,
0.3933


 5.9636, 0.3188,
0.5558

 27.3758, 0.3257,
0.4596

 2.8230, 0.3208,
0.6563


 39.7912, 0.3254,
0.4430

 1.0400, 0.1887,
0.8113

 55.4863, 0.3249,
0.4300

 0.0000, 0.0000,
0.0000

 74.8455, 0.3243,
0.4197

 98.2531, 0.3238,
0.4113

 126.0936, 0.3232,

0.4042

158.7513, 0.3227,
0.3983

10.8464, 0.3238,
0.5119

10.8464, 0.3238,
0.5119

10.5921, 0.3224,
0.5390

11.1533, 0.3240,
0.4820

10.3860, 0.3198,
0.5617

11.5143, 0.3232,
0.4510

10.2237, 0.3163,
0.5791

11.9325, 0.3216,
0.4204

10.1471, 0.3147,
0.5883

12.4103, 0.3194,
0.3912

12.9501, 0.3168,
0.3640

■ 13.5540, 0.3140,
0.3392

■ 14.2241, 0.3111,
0.3169

■ 14.9623, 0.3082,
0.2969

■ 15.7706, 0.3054,
0.2792

Harmonies

Analogous

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



10.8464, 0.4132, 0.4961



10.8464, 0.3238, 0.5119



10.8464, 0.2362, 0.4455

Triad

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



10.8464, 0.3238, 0.5119



10.8464, 0.1594, 0.1971



10.8464, 0.4678, 0.3000

Complementary

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



10.8464, 0.3238, 0.5119



4.2985, 0.2814, 0.1730

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.



10.8464, 0.3756, 0.2425



10.8464, 0.3238, 0.5119



10.8464, 0.2002, 0.1857

Square

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



10.8464, 0.3238, 0.5119



10.8464, 0.1504, 0.2435



10.8464, 0.2749, 0.2021



10.8464, 0.5071, 0.3661

Rectangle

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



10.8464, 0.3238, 0.5119



10.8464, 0.1913, 0.3704



10.8464, 0.2749, 0.2021



10.8464, 0.4411, 0.2795

Sweetspot

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



10.8469, 0.3238, 0.5119



22.2236, 0.3182, 0.3776



9.5755, 0.4228, 0.4357



5.3730, 0.3187, 0.3835



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.



10.8469, 0.3238, 0.5119



18.4021, 0.3213, 0.5504



10.5370, 0.2906, 0.4845



3.1750, 0.3153, 0.3500



12.4942, 0.3141, 0.5888



64.7844, 0.3106, 0.5915

Inverse Universe

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



4.2985, 0.2814, 0.1730



5.8720, 0.2714, 0.1455



4.9949, 0.3520, 0.2146



2.8539, 0.3099, 0.3084



3.1103, 0.2564, 0.1186



15.7769, 0.2526, 0.1165

Previews

White Background



This preview shows how the Yxy color 10.8464, 0.3238, 0.5119 looks on a white background.

Color Contrast Check

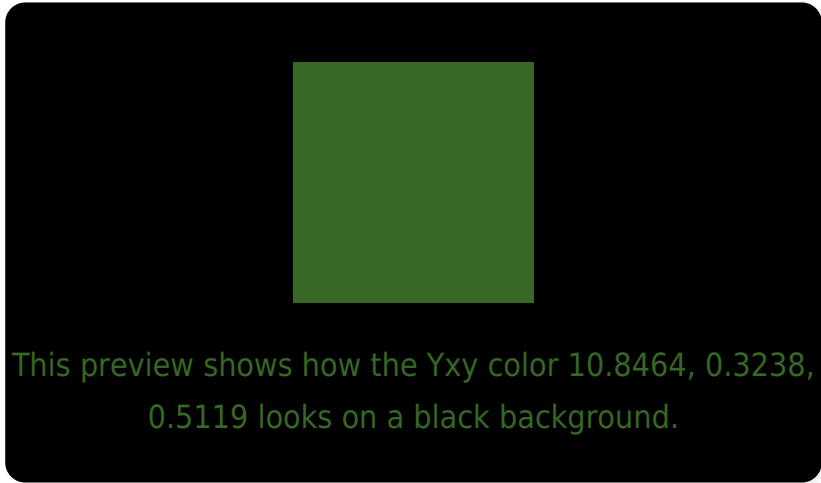
Large Text (above 18pt) WCAG AA ✓ Pass

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

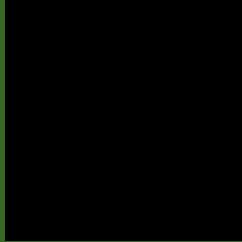
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.8464, 0.3238, 0.5119

Background



This preview shows how black text looks on a background with the Yxy color 10.8464, 0.3238, 0.5119.



This preview shows how white text looks on a background with the Yxy color 10.8464, 0.3238, 0.5119.

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

10.8464, 0.3238, 0.5119

Protanopia

10.6534, 0.4146, 0.4549

Deuteranopia

10.7240, 0.4294, 0.4245



Tritanopia

10.7626, 0.2622, 0.3087

Trichromacy



Original Color

10.8464, 0.3238, 0.5119

Protanomaly

10.4655, 0.3790, 0.4766

Deuteranomaly

10.4858, 0.3878, 0.4569

Tritanomaly

10.7503, 0.2872, 0.3833

Monochromacy



Original Color

10.8464, 0.3238, 0.5119

Achromatopsia

8.4376, 0.3127, 0.3290

Achromatomaly

9.0834, 0.3191, 0.3964

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8464, 0.3238, 0.5119 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(55, 104, 37)` looks like.

```
.text, #text, p{  
    color:rgb(55, 104, 37)  
}
```

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(55, 104, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 104, 37) }
```

Border

The CSS property to change the border of an element to Yxy 10.8464, 0.3238, 0.5119 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(55, 104, 37) }
```

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

```
.border{ border-color:rgb(55, 104, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 104, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 104, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 104, 37);  
box-shadow:4px 4px 4px 4px rgb(55, 104,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 10.8464, 0.3238, 0.5119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 104, 37) }
```

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

```
.background{ background-color: rgb(55, 104,  
37) }
```

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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