

Converting Colors

$Y_{xy}(11.5722, 0.3224, 0.3058)$

Have a look what the booklet for
Yxy(11.5722, 0.3224, 0.3058)
contains.

Yxy(11.5673, 0.3217, 0.3050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(11.5673, 0.3217, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	6B5B66
RGB	107, 91, 102
RGB Percent	42%, 36%, 40%
CMY	0.5805, 0.6431, 0.6000
CMYK	0.00, 0.15, 0.05, 0.58
HSL	319°, 8%, 39%
HSV	319°, 15%, 42%
XYZ	12.2007, 11.5673, 14.1576
YIQ	97.0380, 6.0050, 6.8130

Conversions

Conversions Part 2

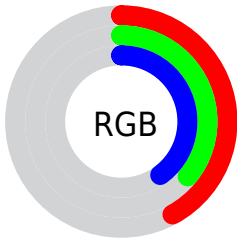
Format	Color
R_{YB}	107, 91, 102
Decimal	7035750
CIE Lab	40.52, 8.60, -3.87
CIE LCh	41, 9.435, 335.754
Yxy	11.5673, 0.3217, 0.3050
Android (android.graphics.Color)	4285225830 (0xFF6B5B66)
YUV	97.0380, 2.4463, 8.7367
Hunter-Lab	34.0107, 4.5145, -0.8731

Details

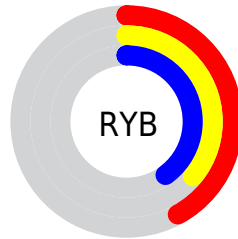
The Yxy color **11.5673, 0.3217, 0.3050** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.5807, 0.3047, 0.3543**, and the grayscale version is **11.9564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6188, 0.3189, 0.3107**, and **3.1133, 0.3283, 0.2927** is the 20% darker color. If you saturate the color by 10%, you get **9.8020, 0.3290, 0.2882**, and if you desaturate by 10%, it is **13.5971, 0.3154, 0.3213**.

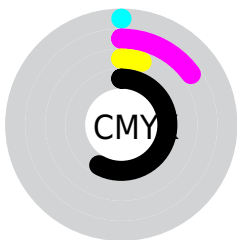
Distribution



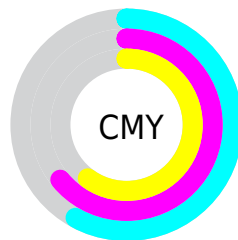
- Red (42%)
- Green (36%)
- Blue (40%)



- Red (42%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (58%)



- Cyan (58%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.5673, 0.3217, 0.3050 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 11.5673, 0.3217, 0.3050 by changing the saturation by 10% instead.

■ 11.5673, 0.3217,
0.3050

■ 11.5673, 0.3217,
0.3050

■ 201.5193, 0.3163,
0.3195

■ 6.4498, 0.3235,
0.3001

■ 28.7045, 0.3194,
0.3111

■ 3.1205, 0.3263,
0.2926

■ 41.4930, 0.3187,
0.3131

■ 1.1949, 0.3309,
0.2800

■ 57.6073, 0.3181,
0.3147

■ 0.0576, 0.4036,
0.0878

■ 77.4318, 0.3176,
0.3160

■ 0.0000, 0.0000,
0.0000

■ 101.3508, 0.3172,
0.3171

129.7488, 0.3168,

0.3181

163.0102, 0.3165,
0.3189

■ 11.5673, 0.3217,
0.3050

■ 11.5673, 0.3217,
0.3050

■ 9.8020, 0.3290,
0.2882

■ 13.5971, 0.3154,
0.3213

■ 8.2887, 0.3374,
0.2713

■ 15.9002, 0.3101,
0.3367

■ 7.0161, 0.3469,
0.2548

■ 18.4870, 0.3056,
0.3513

■ 5.9714, 0.3575,
0.2395

■ 21.3667, 0.3018,
0.3649

■ 5.1407, 0.3691,
0.2261

■ 24.5482, 0.2986,
0.3774

■ 4.5086, 0.3814,
0.2157

■ 28.0401, 0.2959,
0.3890

■ 4.0575, 0.3940,
0.2091

■ 31.8505, 0.2937,
0.3996

■ 3.7539, 0.4068,
0.2064

■ 35.9873, 0.2918,
0.4094

■ 3.6131, 0.4135,
0.2052

■ 40.4581, 0.2902,
0.4184

Harmonies

Analogous

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



11.5673, 0.3005, 0.2956



11.5673, 0.3217, 0.3050



11.5673, 0.3410, 0.3203

Triad

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



11.5673, 0.3217, 0.3050



11.5673, 0.3425, 0.3646



11.5673, 0.2744, 0.3177

Complementary

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



11.5673, 0.3217, 0.3050



13.5807, 0.3047, 0.3543

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.



11.5673, 0.2849, 0.3372



11.5673, 0.3217, 0.3050



11.5673, 0.3240, 0.3651

Square

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



11.5673, 0.3217, 0.3050



11.5673, 0.3532, 0.3544



11.5673, 0.3029, 0.3549



11.5673, 0.2737, 0.3022

Rectangle

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



11.5673, 0.3217, 0.3050



11.5673, 0.3499, 0.3322



11.5673, 0.3029, 0.3549



11.5673, 0.2768, 0.3240

Sweetspot

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



11.5678, 0.3217, 0.3050



24.6743, 0.3150, 0.3226



11.0212, 0.2973, 0.2926



5.9143, 0.3153, 0.3216



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.



11.5678, 0.3217, 0.3050



19.5357, 0.3242, 0.2990



11.4205, 0.3336, 0.3220



3.1486, 0.3179, 0.3148



4.3916, 0.4147, 0.2058



22.2154, 0.4214, 0.2095

Inverse Universe

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



11.5678, 0.3217, 0.3050



19.5357, 0.3242, 0.2990



13.7313, 0.2952, 0.3362



3.1486, 0.3179, 0.3148



4.3916, 0.4147, 0.2058



22.2154, 0.4214, 0.2095

Previews

White Background



This preview shows how the Yxy color 11.5673, 0.3217, 0.3050 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



This preview shows how the Yxy color 11.5673, 0.3217, 0.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

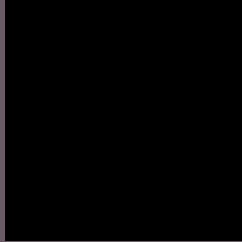
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5673, 0.3217, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 11.5673, 0.3217, 0.3050.



This preview shows how white text looks on a background with the Yxy color 11.5673, 0.3217, 0.3050.

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

11.5673, 0.3217, 0.3050

Protanopia

11.6168, 0.3002, 0.3084

Deuteranopia

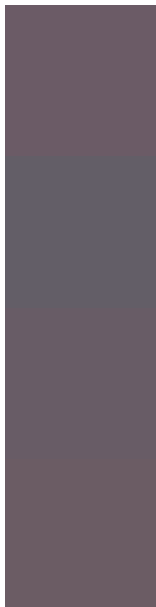
11.6128, 0.3137, 0.3089



Tritanopia

11.6809, 0.3260, 0.3136

Trichromacy



Original Color

11.5673, 0.3217, 0.3050

Protanomaly

11.6373, 0.3076, 0.3087

Deuteranomaly

11.5567, 0.3169, 0.3068

Tritanomaly

11.7002, 0.3245, 0.3115

Monochromacy



Original Color

11.5673, 0.3217, 0.3050

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.8520, 0.3162, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5673, 0.3217, 0.3050 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(107, 91, 102)` looks like.

```
.text, #text, p{  
    color:rgb(107, 91, 102)  
}
```

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(107, 91, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 91, 102) }
```

Border

The CSS property to change the border of an element to Yxy 11.5673, 0.3217, 0.3050 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(107, 91, 102) }
```

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

```
.border{ border-color:rgb(107, 91, 102) }
```

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

Here you see how a box with a 4 pixel rgb(107, 91, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 91, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 91, 102);  
box-shadow:4px 4px 4px 4px rgb(107, 91,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5673, 0.3217, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 91, 102) }
```

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

```
.background{ background-color: rgb(107, 91,  
102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor