

Converting Colors

$Yxy(11.6186, 0.2648, 0.3650)$

Have a look what the booklet for
Yxy(11.6186, 0.2648, 0.3650)
contains.

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Color

Yxy(11.6154, 0.2651, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	35695B
RGB	53, 105, 91
RGB Percent	21%, 41%, 36%
CMY	0.7921, 0.5882, 0.6432
CMYK	0.50, 0.00, 0.13, 0.59
HSL	164°, 33%, 31%
HSV	164°, 50%, 41%
XYZ	8.4086, 11.6154, 11.6947
YIQ	87.8560, -26.4980, -15.3780

Conversions

Conversions Part 2

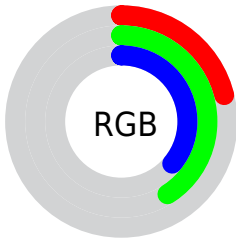
Format	Color
RYB	53, 83, 105
Decimal	3500379
CIELab	40.60, -21.17, 2.51
CIELCh	41, 21.315, 173.227
Yxy	11.6154, 0.2651, 0.3662
Android (android.graphics.Color)	4281690459 (0xFF35695B)
YUV	87.8560, 1.5500, -30.5687
Hunter-Lab	34.0814, -15.6025, 3.5122

Details

The Yxy color **11.6154, 0.2651, 0.3662** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5.9570, 0.4035, 0.2963**, and the grayscale version is **9.7280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.9206, 0.2773, 0.3571**, and **3.1157, 0.2411, 0.3878** is the 20% darker color. If you saturate the color by 10%, you get **11.3138, 0.2586, 0.3752**, and if you desaturate by 10%, it is **11.9822, 0.2730, 0.3576**.

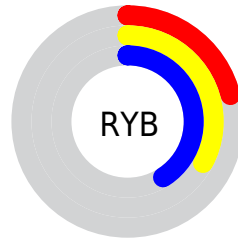
Distribution



Red (21%)

Green (41%)

Blue (36%)



Red (21%)

Yellow (33%)

Blue (41%)

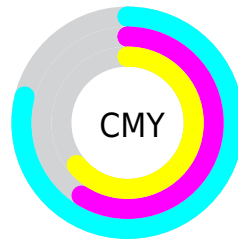


Cyan (50%)

Magenta (0%)

Yellow (13%)

Black (59%)



Cyan (79%)


Magenta (59%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6154, 0.2651, 0.3662 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 11.6154, 0.2651, 0.3662 by changing the saturation by 10% instead.


 11.6154, 0.2651,
0.3662


 11.6154, 0.2651,
0.3662


 201.8422, 0.2944,
0.3431

 6.4824, 0.2549,
0.3745


 28.7927, 0.2776,
0.3563


 3.1405, 0.2390,
0.3875


 41.6057, 0.2816,
0.3530


 1.2055, 0.2055,
0.4139

 57.7475, 0.2849,
0.3505

 0.0662, 0.0000,
1.0000

 77.6025, 0.2875,
0.3485

 0.0000, 0.0000,
0.0000

 101.5551, 0.2897,
0.3468

 129.9896, 0.2915,

0.3453

163.2906, 0.2931,
0.3441

■ 11.6154, 0.2651,
0.3662

■ 11.6154, 0.2651,
0.3662

■ 11.3138, 0.2586,
0.3752

■ 11.9822, 0.2730,
0.3576

■ 11.0718, 0.2536,
0.3846

■ 12.4165, 0.2820,
0.3495

■ 10.8853, 0.2503,
0.3941


■ 12.9222, 0.2919,
0.3419

■ 10.7489, 0.2488,
0.4037

■ 13.5027, 0.3024,
0.3350


■ 10.6402, 0.2483,
0.4133

■ 14.1609, 0.3133,
0.3287

 10.6349, 0.2483,
0.4138

 14.8997, 0.3244,
0.3230

 15.7218, 0.3355,
0.3179

 16.6298, 0.3465,
0.3134

 17.6262, 0.3573,
0.3094

Harmonies

Analogous

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



11.6154, 0.3083, 0.4033



11.6154, 0.2651, 0.3662



11.6154, 0.2359, 0.3190

Triad

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



11.6154, 0.2651, 0.3662



11.6154, 0.2672, 0.2540



11.6154, 0.4073, 0.3678

Complementary

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



11.6154, 0.2651, 0.3662



5.9570, 0.4035, 0.2963

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.



11.6154, 0.3956, 0.3301



11.6154, 0.2651, 0.3662



11.6154, 0.3114, 0.2675

Square

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



11.6154, 0.2651, 0.3662



11.6154, 0.2373, 0.2575



11.6154, 0.3593, 0.2945



11.6154, 0.3916, 0.3995

Rectangle

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



11.6154, 0.2651, 0.3662



11.6154, 0.2272, 0.2912



11.6154, 0.3593, 0.2945



11.6154, 0.4066, 0.3554

Sweetspot

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



11.6159, 0.2651, 0.3662



23.5456, 0.2961, 0.3390



11.5803, 0.3247, 0.4665



5.4794, 0.2945, 0.3401



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.



11.6159, 0.2651, 0.3662



20.2015, 0.2579, 0.3763



9.7363, 0.2457, 0.2991



3.4787, 0.3029, 0.3347



13.4595, 0.2486, 0.4150



68.4318, 0.2501, 0.4204

Inverse Universe

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



5.9570, 0.4035, 0.2963



8.8057, 0.4370, 0.2903



6.9593, 0.4254, 0.3559



3.1289, 0.3235, 0.3234



3.9049, 0.5770, 0.2952



19.7695, 0.5909, 0.3029

Previews

White Background



This preview shows how the Yxy color 11.6154, 0.2651, 0.3662 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 11.6154, 0.2651, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

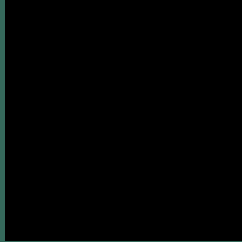
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6154, 0.2651, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 11.6154, 0.2651, 0.3662.



This preview shows how white text looks on a background with the Yxy color 11.6154, 0.2651, 0.3662.

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

11.6154, 0.2651, 0.3662

Protanopia

11.5090, 0.3321, 0.3501

Deuteranopia

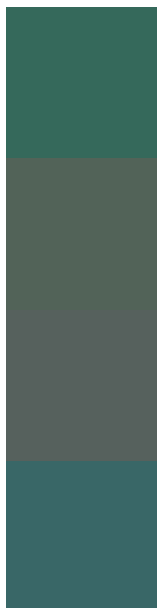
11.4657, 0.3304, 0.3246



Tritanopia

11.5583, 0.2504, 0.3089

Trichromacy



Original Color

11.6154, 0.2651, 0.3662

Protanomaly

11.4221, 0.3027, 0.3564

Deuteranomaly

11.3181, 0.3019, 0.3387

Tritanomaly

11.5496, 0.2558, 0.3288

Monochromacy



Original Color

11.6154, 0.2651, 0.3662

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

10.2225, 0.2913, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6154, 0.2651, 0.3662 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(53, 105, 91)` looks like.

```
.text, #text, p{  
    color:rgb(53, 105, 91)  
}
```

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(53, 105, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 105, 91) }
```

Border

The CSS property to change the border of an element to Yxy 11.6154, 0.2651, 0.3662 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(53, 105, 91) }
```

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

```
.border{ border-color:rgb(53, 105, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 105, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 105, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 105, 91);  
box-shadow:4px 4px 4px 4px rgb(53, 105,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6154, 0.2651, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 105, 91) }
```

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

```
.background{ background-color: rgb(53, 105,  
91) }
```

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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