

Converting Colors

$Y_{xy}(11.6640, 0.3048, 0.2969)$

Have a look what the booklet for
Yxy(11.6640, 0.3048, 0.2969)
contains.

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Color

Yxy(11.6569, 0.3051, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	655D6B
RGB	101, 93, 107
RGB Percent	40%, 36%, 42%
CMY	0.6039, 0.6353, 0.5805
CMYK	0.06, 0.13, 0.00, 0.58
HSL	274°, 7%, 39%
HSV	274°, 13%, 42%
XYZ	11.9346, 11.6569, 15.5256
YIQ	96.9880, 0.2740, 6.0500

Conversions

Conversions Part 2

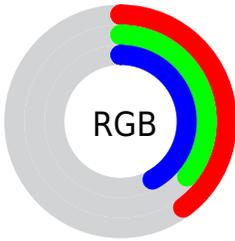
Format	Color
R_{YB}	101, 93, 107
Decimal	6643051
CIE Lab	40.67, 6.13, -6.79
CIE LCh	41, 9.145, 312.081
Yxy	11.6569, 0.3051, 0.2980
Android (android.graphics.Color)	4284833131 (0xFF655D6B)
YUV	96.9880, 4.9359, 3.5185
Hunter-Lab	34.1422, 2.6470, -3.0616

Details

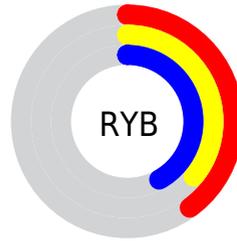
The Yxy color **11.6569, 0.3051, 0.2980** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9533, 0.3196, 0.3603**, and the grayscale version is **11.9387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7889, 0.3075, 0.3059**, and **3.1435, 0.2994, 0.2806** is the 20% darker color. If you saturate the color by 10%, you get **9.6521, 0.2982, 0.2725**, and if you desaturate by 10%, it is **13.9401, 0.3111, 0.3220**.

Distribution



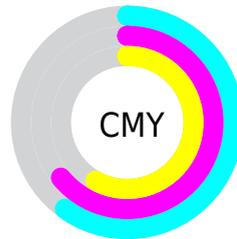
- Red (40%)
- Green (36%)
- Blue (42%)



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



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.6569, 0.3051, 0.2980 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 11.6569, 0.3051, 0.2980 by changing the saturation by 10% instead.

■ 11.6569, 0.3051,
0.2980

■ 11.6569, 0.3051,
0.2980

202.1205, 0.3099,
0.3167

■ 6.5105, 0.3034,
0.2917

■ 28.8687, 0.3072,
0.3058

■ 3.1579, 0.3006,
0.2822

■ 41.7028, 0.3078,
0.3084

■ 1.2147, 0.2957,
0.2662

■ 57.8683, 0.3084,
0.3105

■ 0.0737, 0.2590,
0.0869

■ 77.7496, 0.3088,
0.3122

■ 0.0000, 0.0000,
0.0000

101.7311, 0.3091,
0.3136

130.1971, 0.3094,

0.3148

163.5321, 0.3097,
0.3158

■ 11.6569, 0.3051,
0.2980

■ 11.6569, 0.3051,
0.2980

■ 9.6521, 0.2982,
0.2725

■ 13.9401, 0.3111,
0.3220

■ 7.9133, 0.2902,
0.2458

■ 16.5108, 0.3161,
0.3442

■ 6.4290, 0.2813,
0.2186

■ 19.3792, 0.3204,
0.3645

■ 5.1864, 0.2715,
0.1917

■ 22.5549, 0.3240,
0.3830

■ 4.1717, 0.2611,
0.1663

■ 26.0469, 0.3269,
0.3997

■ 3.3696, 0.2502,
0.1434

■ 29.8637, 0.3293,
0.4148

■ 2.7626, 0.2394,
0.1242

■ 34.0136, 0.3313,
0.4283

■ 2.3264, 0.2289,
0.1092

■ 38.5047, 0.3330,
0.4405

■ 2.0613, 0.2217,
0.0995

■ 43.3447, 0.3343,
0.4514

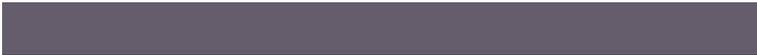
Harmonies

Analogous

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



11.6569, 0.2871, 0.2951



11.6569, 0.3051, 0.2980



11.6569, 0.3257, 0.3085

Triad

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



11.6569, 0.3051, 0.2980



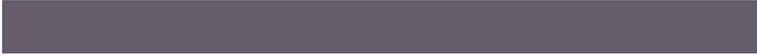
11.6569, 0.3505, 0.3563



11.6569, 0.2829, 0.3329

Complementary

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



11.6569, 0.3051, 0.2980



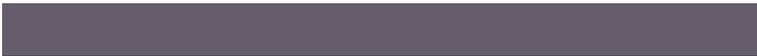
13.9533, 0.3196, 0.3603

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.



11.6569, 0.2991, 0.3509



11.6569, 0.3051, 0.2980



11.6569, 0.3382, 0.3643

Square

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



11.6569, 0.3051, 0.2980



11.6569, 0.3524, 0.3415



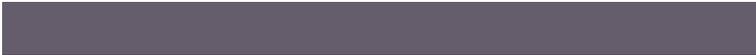
11.6569, 0.3193, 0.3626



11.6569, 0.2746, 0.3144

Rectangle

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



11.6569, 0.3051, 0.2980



11.6569, 0.3381, 0.3186



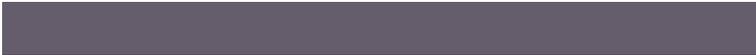
11.6569, 0.3193, 0.3626



11.6569, 0.2876, 0.3392

Sweetspot

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



11.6574, 0.3051, 0.2980



24.5191, 0.3105, 0.3196



12.3235, 0.2936, 0.3110



5.8712, 0.3101, 0.3181



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

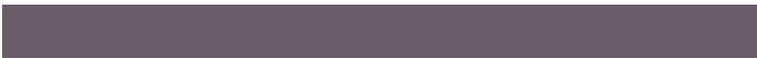
The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.6574, 0.3051, 0.2980



19.6110, 0.3029, 0.2895



11.9955, 0.3155, 0.3008



3.1026, 0.3077, 0.3081



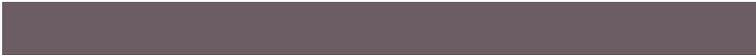
2.4904, 0.2208, 0.0990



12.1697, 0.2156, 0.0961

Inverse Universe

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



11.8543, 0.3258, 0.3159



20.0522, 0.3298, 0.3124



13.6458, 0.3100, 0.3589



3.1363, 0.3214, 0.3201



4.0342, 0.5172, 0.2623



20.3891, 0.5307, 0.2697

Previews

White Background



This preview shows how the Yxy color 11.6569, 0.3051, 0.2980 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 11.6569, 0.3051, 0.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

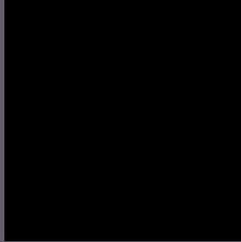
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

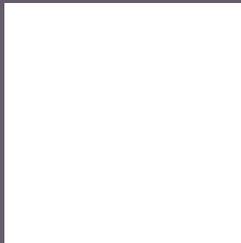
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 11.6569, 0.3051, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 11.6569, 0.3051, 0.2980.



This preview shows how white text looks on a background with the Yxy color 11.6569, 0.3051, 0.2980.

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

11.6569, 0.3051, 0.2980

Protanopia

11.6468, 0.2935, 0.2994

Deuteranopia

11.5996, 0.3036, 0.2978



Tritanopia

11.6543, 0.3119, 0.3132

Trichromacy



Original Color

11.6569, 0.3051, 0.2980

Protanomaly

11.6295, 0.2978, 0.2975

Deuteranomaly

11.5996, 0.3036, 0.2978

Tritanomaly

11.6940, 0.3091, 0.3088

Monochromacy



Original Color

11.6569, 0.3051, 0.2980

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.9020, 0.3087, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6569, 0.3051, 0.2980 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(101, 93, 107)` looks like.

```
.text, #text, p{  
    color:rgb(101, 93, 107)  
}
```

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(101, 93, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 93, 107) }
```

Border

The CSS property to change the border of an element to Yxy 11.6569, 0.3051, 0.2980 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(101, 93, 107) }
```

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

```
.border{ border-color:rgb(101, 93, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 93, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 93, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 93, 107); box-shadow:4px 4px 4px 4px rgb(101, 93, 107) }
```

Background

The CSS property to change the background color of an element to Yxy 11.6569, 0.3051, 0.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 93, 107) }
```

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

```
.background{ background-color: rgb(101, 93,  
107) }
```

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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