

Converting Colors

$Y_{xy}(11.0580, 0.2799, 0.3016)$

Have a look what the booklet for
Yxy(11.0580, 0.2799, 0.3016)
contains.

Yxy(11.0640, 0.2807, 0.3027)	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(11.0640, 0.2807, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	535F6A
RGB	83, 95, 106
RGB Percent	33%, 37%, 42%
CMY	0.6745, 0.6274, 0.5844
CMYK	0.22, 0.10, 0.00, 0.58
HSL	209°, 12%, 37%
HSV	209°, 22%, 42%
XYZ	10.2599, 11.0640, 15.2272
YIQ	92.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

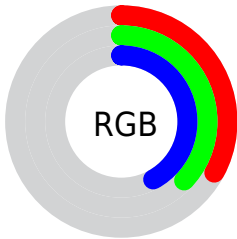
Format	Color
R_{YB}	83, 91, 106
Decimal	5463914
CIE Lab	39.69, -1.96, -7.80
CIE LCh	40, 8.042, 255.859
Yxy	11.0640, 0.2807, 0.3027
Android (android.graphics.Color)	4283653994 (0xFF535F6A)
YUV	92.6660, 6.5737, -8.4771
Hunter-Lab	33.2626, -3.1510, -3.8583

Details

The Yxy color **11.0640, 0.2807, 0.3027** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.6888, 0.3483, 0.3539**, and the grayscale version is **10.8506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6717, 0.2894, 0.3094**, and **2.9057, 0.2620, 0.2873** is the 20% darker color. If you saturate the color by 10%, you get **9.7361, 0.2655, 0.2886**, and if you desaturate by 10%, it is **12.5258, 0.2957, 0.3155**.

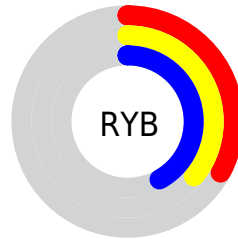
Distribution



Red (33%)

Green (37%)

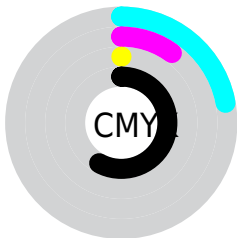
Blue (42%)



Red (33%)

Yellow (36%)

Blue (42%)

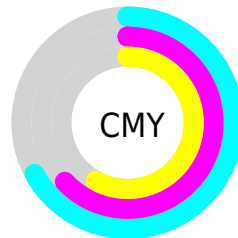


Cyan (22%)

Magenta (10%)

Yellow (0%)

Black (58%)



Cyan (67%)

Magenta (63%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.0640, 0.2807, 0.3027 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 11.0640, 0.2807, 0.3027 by changing the saturation by 10% instead.

■ 11.0640, 0.2807,
0.3027

■ 11.0640, 0.2807,
0.3027

■ 198.1061, 0.3003,
0.3190

■ 6.1099, 0.2739,
0.2969

■ 27.7785, 0.2890,
0.3097

■ 2.9120, 0.2634,
0.2880

■ 40.3076, 0.2918,
0.3119

■ 1.0860, 0.2453,
0.2723

■ 56.1305, 0.2939,
0.3137

■ 0.0000, 0.0000,
0.0000

■ 75.6317, 0.2957,
0.3152

■ 99.1954, 0.2972,
0.3164

127.2061, 0.2984,

0.3174

160.0482, 0.2994,
0.3182

■ 11.0640, 0.2807,
0.3027

■ 11.0640, 0.2807,
0.3027

■ 9.7361, 0.2655,
0.2886

■ 12.5258, 0.2957,
0.3155

■ 8.5363, 0.2503,
0.2734

■ 14.1243, 0.3103,
0.3272

■ 7.4603, 0.2355,
0.2572

■ 15.8640, 0.3243,
0.3376

■ 6.5030, 0.2216,
0.2402

■ 17.7488, 0.3376,
0.3469

■ 5.6588, 0.2089,
0.2227

■ 19.7822, 0.3501,
0.3551

■ 4.9217, 0.1978,
0.2051

■ 21.9679, 0.3619,
0.3624

■ 4.2843, 0.1886,
0.1877

■ 24.3091, 0.3729,
0.3688

■ 3.8081, 0.1815,
0.1735

■ 26.8092, 0.3832,
0.3744

■ 29.4714, 0.3927,
0.3793

Harmonies

Analogous

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



11.0640, 0.2782, 0.3142



11.0640, 0.2807, 0.3027



11.0640, 0.2915, 0.2985

Triad

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



11.0640, 0.2807, 0.3027



11.0640, 0.3415, 0.3267



11.0640, 0.3164, 0.3581

Complementary

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



11.0640, 0.2807, 0.3027



11.6888, 0.3483, 0.3539

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.



11.0640, 0.3337, 0.3609



11.0640, 0.2807, 0.3027



11.0640, 0.3485, 0.3422

Square

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



11.0640, 0.2807, 0.3027



11.0640, 0.3266, 0.3122



11.0640, 0.3456, 0.3548



11.0640, 0.2985, 0.3467

Rectangle

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



11.0640, 0.2807, 0.3027



11.0640, 0.3022, 0.3000



11.0640, 0.3456, 0.3548



11.0640, 0.3225, 0.3600

Sweetspot

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



11.0645, 0.2807, 0.3027



23.2217, 0.3023, 0.3209



12.9475, 0.2969, 0.3583



5.4180, 0.3019, 0.3205



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.



11.0645, 0.2807, 0.3027



18.2232, 0.2731, 0.2958



9.1822, 0.2789, 0.2748



3.2623, 0.2997, 0.3188



4.6588, 0.1810, 0.1717



21.9895, 0.1785, 0.1625

Inverse Universe

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



10.0751, 0.3327, 0.3020



16.2311, 0.3385, 0.2954



13.8363, 0.3436, 0.3780



3.1407, 0.3201, 0.3182



4.1427, 0.4786, 0.2410



20.9321, 0.4900, 0.2473

Previews

White Background



This preview shows how the Yxy color 11.0640, 0.2807, 0.3027 looks on a white background.

Color Contrast Check

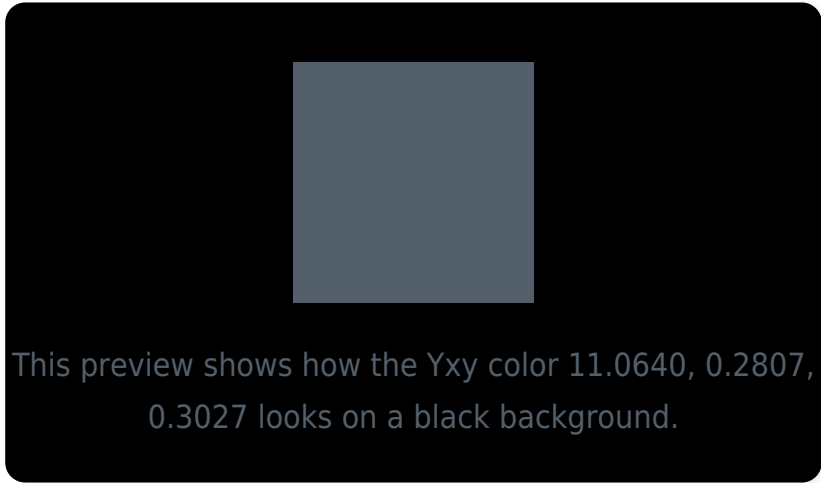
Large Text (above 18pt) WCAG AA ✓ Pass

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

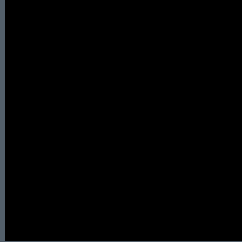
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

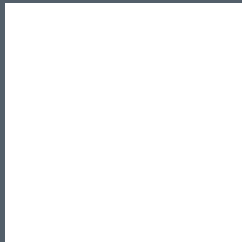
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 11.0640, 0.2807, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 11.0640, 0.2807, 0.3027.



This preview shows how white text looks on a background with the Yxy color 11.0640, 0.2807, 0.3027.

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

11.0640, 0.2807, 0.3027

Protanopia

11.1035, 0.2958, 0.3034

Deuteranopia

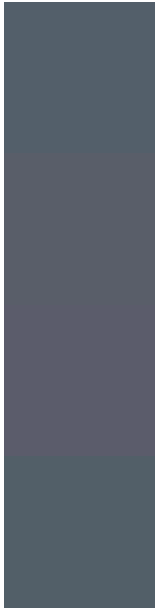
11.0305, 0.2976, 0.2926



Tritanopia

10.9575, 0.2831, 0.3096

Trichromacy



Original Color

11.0640, 0.2807, 0.3027

Protanomaly

11.1492, 0.2902, 0.3032

Deuteranomaly

10.9400, 0.2903, 0.2942

Tritanomaly

10.9777, 0.2818, 0.3072

Monochromacy



Original Color

11.0640, 0.2807, 0.3027

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

11.0111, 0.2996, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0640, 0.2807, 0.3027 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(83, 95, 106) looks like.

```
.text, #text, p{  
    color:rgb(83, 95, 106)  
}
```

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(83, 95, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 95, 106) }
```

Border

The CSS property to change the border of an element to Yxy 11.0640, 0.2807, 0.3027 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(83, 95, 106) }
```

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

```
.border{ border-color:rgb(83, 95, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 95, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 95, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 95, 106);  
box-shadow:4px 4px 4px 4px rgb(83, 95,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0640, 0.2807, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 95, 106) }
```

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

```
.background{ background-color: rgb(83, 95,  
106) }
```

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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