

Converting Colors

$Yxy(60.2470, 0.2944, 0.3178)$

Have a look what the booklet for
Yxy(60.2470, 0.2944, 0.3178)
contains.

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Color

Yxy(60.0476, 0.2941, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	BECED8
RGB	190, 206, 216
RGB Percent	75%, 81%, 85%
CMY	0.2551, 0.1921, 0.1529
CMYK	0.12, 0.05, 0.00, 0.15
HSL	203°, 25%, 80%
HSV	203°, 12%, 85%
XYZ	55.6922, 60.0476, 73.6251
YIQ	202.3560, -12.7460, -0.2820

Conversions

Conversions Part 2

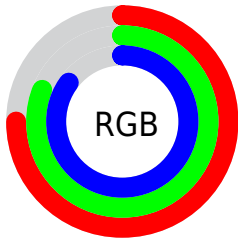
Format	Color
R _Y B	190, 200, 216
Decimal	12504792
CIE Lab	81.86, -3.43, -6.81
CIE LCh	82, 7.628, 243.271
Yxy	60.0476, 0.2941, 0.3171
Android (android.graphics.Color)	4290694872 (0xFFBECED8)
YUV	202.3560, 6.7265, -10.8362
Hunter-Lab	77.4904, -7.3205, -2.0893

Details

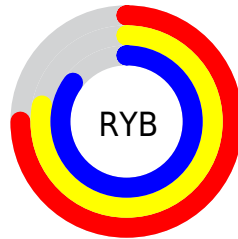
The Yxy color $60.0476, 0.2941, 0.3171$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $59.5964, 0.3329, 0.3406$, and the grayscale version is $59.2565, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.3328, 0.3072, 0.3290$, and $30.2639, 0.2892, 0.3147$ is the 20% darker color. If you saturate the color by 10%, you get $53.5892, 0.2784, 0.3061$, and if you desaturate by 10%, it is $67.1333, 0.3096, 0.3271$.

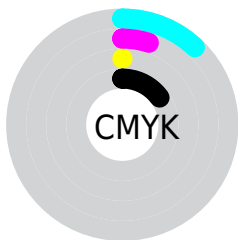
Distribution



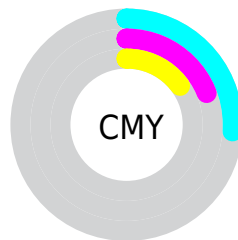
- Red (75%)
- Green (81%)
- Blue (85%)



- Red (75%)
- Yellow (78%)
- Blue (85%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (26%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0476, 0.2941, 0.3171 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 60.0476, 0.2941, 0.3171 by changing the saturation by 10% instead.

■ 60.0476, 0.2941,
0.3171

■ 60.0476, 0.2941,
0.3171

424.7732, 0.3030,
0.3228

■ 43.4570, 0.2920,
0.3157

■ 104.8987, 0.2972,
0.3191

■ 30.2439, 0.2894,
0.3140

133.9280, 0.2984,
0.3199

■ 20.0238, 0.2860,
0.3117

167.8724, 0.2995,
0.3206

■ 12.4123, 0.2815,
0.3087

207.1161, 0.3004,
0.3212

■ 7.0251, 0.2751,
0.3044

252.0437, 0.3011,
0.3217

■ 3.4778, 0.2655,
0.2978

303.0394, 0.3018,

■ 1.3860, 0.2495,

0.3221

0.2864

360.4878, 0.3024,
0.3225

0.2064, 0.1102,
0.2024

0.0000, 0.0000,
0.0000

60.0476, 0.2941,
0.3171

60.0476, 0.2941,
0.3171

53.5892, 0.2784,
0.3061

67.1333, 0.3096,
0.3271

47.7293, 0.2629,
0.2940

74.8588, 0.3246,
0.3360

42.4478, 0.2478,
0.2810

83.2458, 0.3391,
0.3439

37.7201, 0.2335,
0.2671

88.0351, 0.3381,
0.3520

■ 33.5198, 0.2205,
0.2526

■ 92.9997, 0.3368,
0.3600

■ 29.8174, 0.2091,
0.2378

■ 97.7383, 0.3357,
0.3671

■ 26.5796, 0.1998,
0.2229

■ 23.7669, 0.1925,
0.2082

■ 21.7865, 0.1880,
0.1969

Harmonies

Analogous

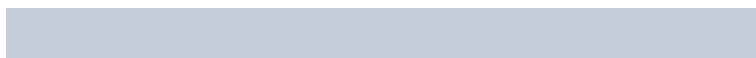
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.0476, 0.2948, 0.3247



60.0476, 0.2941, 0.3171



60.0476, 0.2983, 0.3128

Triad

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



60.0476, 0.2941, 0.3171



60.0476, 0.3253, 0.3243



60.0476, 0.3189, 0.3457

Complementary

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



60.0476, 0.2941, 0.3171



59.5964, 0.3329, 0.3406

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.



60.0476, 0.3272, 0.3454



60.0476, 0.2941, 0.3171



60.0476, 0.3310, 0.3329

Square

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



60.0476, 0.2941, 0.3171



60.0476, 0.3162, 0.3171



60.0476, 0.3317, 0.3406



60.0476, 0.3090, 0.3414

Rectangle

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



60.0476, 0.2941, 0.3171



60.0476, 0.3033, 0.3124



60.0476, 0.3317, 0.3406



60.0476, 0.3220, 0.3461

Sweetspot

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



60.0501, 0.2941, 0.3171



95.6468, 0.3065, 0.3252



64.2237, 0.3047, 0.3482



20.3008, 0.3054, 0.3245



0.0000, 0.0000, 0.0000



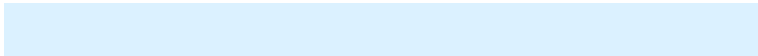
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0501, 0.2941, 0.3171



85.4229, 0.2909, 0.3149



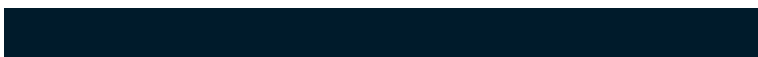
54.0346, 0.2938, 0.3013



13.2709, 0.2982, 0.3198



13.1090, 0.1886, 0.1990



0.9486, 0.1956, 0.2239

Inverse Universe

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



55.8625, 0.3217, 0.3106



78.4493, 0.3235, 0.3073



65.8878, 0.3311, 0.3553



12.5482, 0.3196, 0.3147



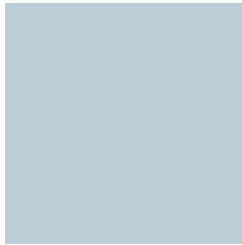
9.6682, 0.4464, 0.2233



0.5991, 0.4190, 0.2082

Previews

White Background



This preview shows how the Yxy color 60.0476, 0.2941, 0.3171 looks on a white background.

Color Contrast Check

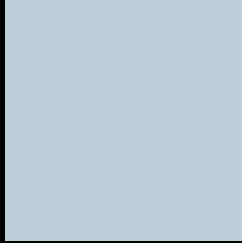
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 60.0476, 0.2941, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

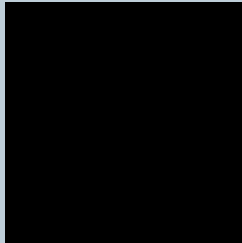
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

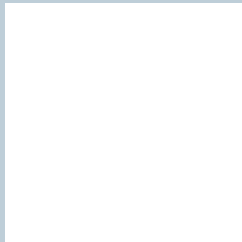
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0476, 0.2941, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 60.0476, 0.2941, 0.3171.



This preview shows how white text looks on a background with the Yxy color 60.0476, 0.2941, 0.3171.

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

60.0476, 0.2941, 0.3171

Protanopia

59.9335, 0.3058, 0.3151

Deuteranopia

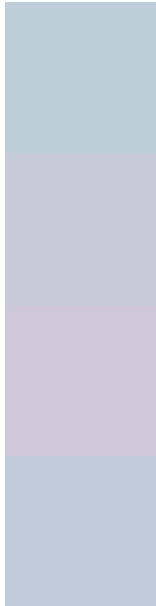
59.5934, 0.3123, 0.3054



Tritanopia

59.9595, 0.2916, 0.3101

Trichromacy



Original Color

60.0476, 0.2941, 0.3171

Protanomaly

59.7603, 0.3013, 0.3149

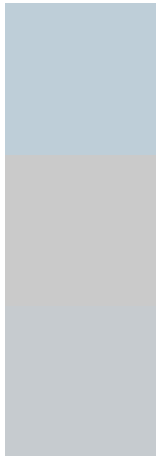
Deuteranomaly

59.5837, 0.3060, 0.3095

Tritanomaly

59.8535, 0.2929, 0.3124

Monochromacy



Original Color

60.0476, 0.2941, 0.3171

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.2226, 0.3061, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0476, 0.2941, 0.3171 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(190, 206, 216)` looks like.

```
.text, #text, p{  
    color:rgb(190, 206, 216)  
}
```

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(190, 206, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 206, 216) }
```

Border

The CSS property to change the border of an element to Yxy 60.0476, 0.2941, 0.3171 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(190, 206, 216) }
```

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

```
.border{ border-color:rgb(190, 206, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 206, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 206, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 206, 216);  
box-shadow:4px 4px 4px 4px rgb(190, 206,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0476, 0.2941, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 206, 216) }
```

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

```
.background{ background-color: rgb(190,  
206, 216) }
```

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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