

Converting Colors

Yxy(52.6488, 0.2946, 0.3165)

Have a look what the booklet for
Yxy(52.6488, 0.2946, 0.3165)
contains.

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Color

Yxy(52.6465, 0.2946, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	B4C2CC
RGB	180, 194, 204
RGB Percent	71%, 76%, 80%
CMY	0.2943, 0.2391, 0.2001
CMYK	0.12, 0.05, 0.00, 0.20
HSL	205°, 19%, 75%
HSV	205°, 12%, 80%
XYZ	49.0037, 52.6465, 64.6895
YIQ	190.9540, -11.5540, 0.1420

Conversions

Conversions Part 2

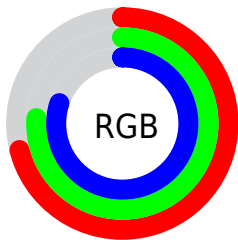
Format	Color
R _Y B	180, 189, 204
Decimal	11846348
CIE Lab	77.67, -2.80, -6.64
CIE LCh	78, 7.208, 247.111
Yxy	52.6465, 0.2946, 0.3165
Android (android.graphics.Color)	4290036428 (0xFFB4C2CC)
YUV	190.9540, 6.4317, -9.6067
Hunter-Lab	72.5579, -6.4222, -2.0699

Details

The Yxy color **52.6465, 0.2946, 0.3165** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9189, 0.3322, 0.3412**, and the grayscale version is **52.0363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4241, 0.3012, 0.3240**, and **25.4702, 0.2895, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **46.7201, 0.2789, 0.3046**, and if you desaturate by 10%, it is **59.1518, 0.3100, 0.3272**.

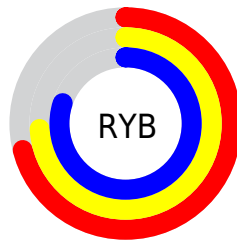
Distribution



Red (71%)

Green (76%)

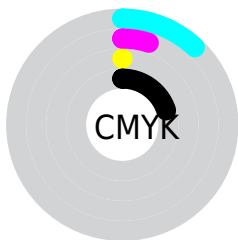
Blue (80%)



Red (71%)

Yellow (74%)

Blue (80%)

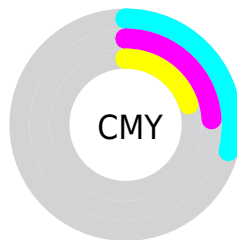


Cyan (12%)

Magenta (5%)

Yellow (0%)

Black (20%)



Cyan (29%)

Magenta (24%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6465, 0.2946, 0.3165 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 52.6465, 0.2946, 0.3165 by changing the saturation by 10% instead.

■ 52.6465, 0.2946,
0.3165

■ 52.6465, 0.2946,
0.3165

396.9274, 0.3034,
0.3227

■ 37.5206, 0.2925,
0.3150

■ 94.0840, 0.2978,
0.3187

■ 25.6109, 0.2897,
0.3131

121.1644, 0.2990,
0.3196

■ 16.5328, 0.2862,
0.3105

152.9985, 0.3000,
0.3203

■ 9.9019, 0.2814,
0.3070

189.9706, 0.3009,
0.3209

■ 5.3340, 0.2744,
0.3020

232.4652, 0.3016,
0.3214

■ 2.4445, 0.2634,
0.2938

280.8666, 0.3023,

■ 0.8487, 0.2428,

0.3219

0.2791

335.5592, 0.3029,
0.3223

0.0000, 0.0000,
0.0000

52.6465, 0.2946,
0.3165

52.6465, 0.2946,
0.3165

46.7201, 0.2789,
0.3046

59.1518, 0.3100,
0.3272

41.3468, 0.2632,
0.2916

66.2476, 0.3250,
0.3368

36.5084, 0.2478,
0.2775

73.9532, 0.3393,
0.3453

32.1828, 0.2331,
0.2626

81.0216, 0.3480,
0.3532

28.3463, 0.2197,
0.2469

85.7853, 0.3464,
0.3614

■ 24.9725, 0.2078,
0.2308

■ 90.7798, 0.3448,
0.3695

■ 22.0318, 0.1978,
0.2147

■ 96.0081, 0.3433,
0.3774

■ 19.4892, 0.1901,
0.1988

■ 97.1385, 0.3430,
0.3791

■ 17.6478, 0.1851,
0.1862

Harmonies

Analogous

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



52.6465, 0.2947, 0.3237



52.6465, 0.2946, 0.3165



52.6465, 0.2993, 0.3128

Triad

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



52.6465, 0.2946, 0.3165



52.6465, 0.3261, 0.3254



52.6465, 0.3176, 0.3452

Complementary

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



52.6465, 0.2946, 0.3165



52.9189, 0.3322, 0.3412

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.



52.6465, 0.3262, 0.3455



52.6465, 0.2946, 0.3165



52.6465, 0.3311, 0.3339

Square

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



52.6465, 0.2946, 0.3165



52.6465, 0.3174, 0.3180



52.6465, 0.3312, 0.3413



52.6465, 0.3079, 0.3404

Rectangle

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



52.6465, 0.2946, 0.3165



52.6465, 0.3046, 0.3127



52.6465, 0.3312, 0.3413



52.6465, 0.3207, 0.3458

Sweetspot

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



52.6487, 0.2946, 0.3165



95.4478, 0.3065, 0.3249



56.5714, 0.3046, 0.3471



20.2503, 0.3054, 0.3241



0.0000, 0.0000, 0.0000



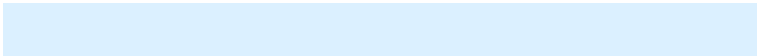
21.4041, 0.3127, 0.3290

Same Dimension

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



52.6487, 0.2946, 0.3165



84.7633, 0.2908, 0.3137



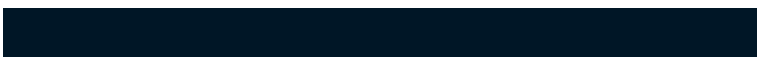
47.6614, 0.2943, 0.3016



11.9169, 0.2983, 0.3192



11.2980, 0.1857, 0.1883



0.7304, 0.1941, 0.2187

Inverse Universe

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



49.3564, 0.3221, 0.3120



78.3827, 0.3242, 0.3084



58.1690, 0.3305, 0.3550



11.3220, 0.3200, 0.3155



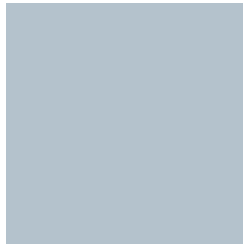
8.9435, 0.4587, 0.2300



0.4763, 0.4247, 0.2113

Previews

White Background



This preview shows how the Yxy color 52.6465, 0.2946, 0.3165 looks on a white background.

Color Contrast Check

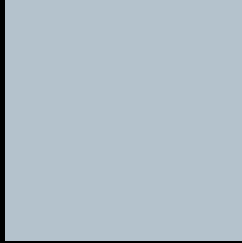
Large Text (above 18pt) WCAG AA × Fail

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 52.6465, 0.2946, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

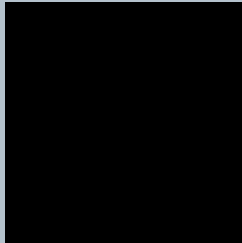
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

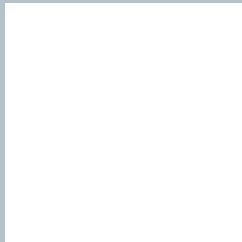
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6465, 0.2946, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 52.6465, 0.2946, 0.3165.

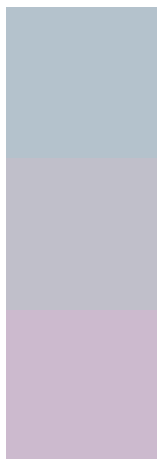


This preview shows how white text looks on a background with the Yxy color 52.6465, 0.2946, 0.3165.

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

52.6465, 0.2946, 0.3165

Protanopia

52.7323, 0.3053, 0.3155

Deuteranopia

52.4114, 0.3122, 0.3053



Tritanopia

52.5671, 0.2919, 0.3091

Trichromacy



Original Color

52.6465, 0.2946, 0.3165

Protanomaly

52.7024, 0.3014, 0.3154

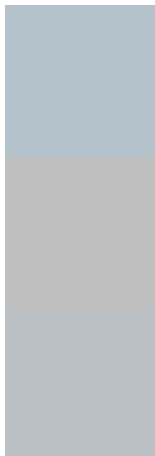
Deuteranomaly

52.4051, 0.3056, 0.3096

Tritanomaly

52.4687, 0.2933, 0.3115

Monochromacy



Original Color

52.6465, 0.2946, 0.3165

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.2496, 0.3057, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6465, 0.2946, 0.3165 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(180, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(180, 194, 204)  
}
```

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(180, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 194, 204) }
```

Border

The CSS property to change the border of an element to Yxy 52.6465, 0.2946, 0.3165 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(180, 194, 204) }
```

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

```
.border{ border-color:rgb(180, 194, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 194, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(180, 194,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6465, 0.2946, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 194, 204) }
```

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

```
.background{ background-color: rgb(180,  
194, 204) }
```

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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