

Converting Colors

$Yxy(57.3572, 0.3047, 0.3457)$

Have a look what the booklet for
Yxy(57.3572, 0.3047, 0.3457)
contains.

Yxy(57.4135, 0.3044, 0.3452)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.4135, 0.3044, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	B6CDC0
RGB	182, 205, 192
RGB Percent	71%, 80%, 75%
CMY	0.2865, 0.1960, 0.2471
CMYK	0.11, 0.00, 0.06, 0.20
HSL	146°, 19%, 76%
HSV	146°, 11%, 80%
XYZ	50.6277, 57.4135, 58.2784
YIQ	196.6410, -9.5350, -8.9190

Conversions

Conversions Part 2

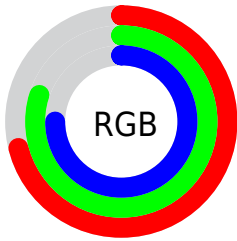
Format	Color
RYB	182, 198, 205
Decimal	11980224
CIELab	80.41, -10.26, 3.84
CIElCh	80, 10.954, 159.467
Yxy	57.4135, 0.3044, 0.3452
Android (android.graphics.Color)	4290170304 (0xFFB6CDC0)
YUV	196.6410, -2.2880, -12.8402
Hunter-Lab	75.7717, -13.3338, 7.4384

Details

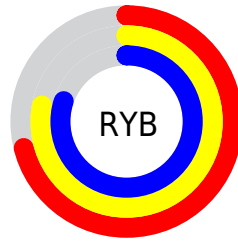
The Yxy color $57.4135, 0.3044, 0.3452$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.3566, 0.3220, 0.3133$, and the grayscale version is $55.6218, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.4745, 0.3062, 0.3359$, and $28.6644, 0.3018, 0.3492$ is the 20% darker color. If you saturate the color by 10%, you get $54.6075, 0.2972, 0.3614$, and if you desaturate by 10%, it is $60.6301, 0.3118, 0.3307$.

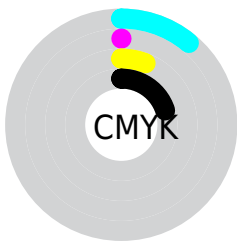
Distribution



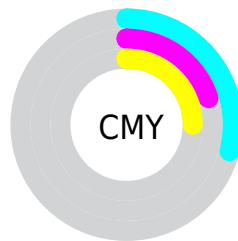
- Red (71%)
- Green (80%)
- Blue (75%)



- Red (71%)
- Yellow (78%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)





- Cyan (29%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4135, 0.3044, 0.3452 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 57.4135, 0.3044, 0.3452 by changing the saturation by 10% instead.

 57.4135, 0.3044,
0.3452

 57.4135, 0.3044,
0.3452

414.9969, 0.3085,
0.3373

 41.3373, 0.3034,
0.3471

 101.0683, 0.3059,
0.3424

 28.5828, 0.3022,
0.3496


129.4157, 0.3064,
0.3413

 18.7654, 0.3005,
0.3528


162.6223, 0.3069,
0.3404

 11.5009, 0.2983,
0.3571

201.0725, 0.3073,
0.3396

 6.4048, 0.2950,
0.3635

245.1506, 0.3076,
0.3389

 3.0928, 0.2899,
0.3736

295.2412, 0.3079,

 1.1803, 0.2806,

0.3383

0.3919

351.7285, 0.3082,
0.3378

0.0456, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.4135, 0.3044,
0.3452

57.4135, 0.3044,
0.3452

54.6075, 0.2972,
0.3614

60.6301, 0.3118,
0.3307

52.1881, 0.2905,
0.3794

64.2659, 0.3192,
0.3178

50.1398, 0.2844,
0.3989

68.3380, 0.3265,
0.3065

48.4431, 0.2794,
0.4197

71.1218, 0.3268,
0.2959

■ 47.0770, 0.2758,
0.4415

■ 71.8254, 0.3186,
0.2849

■ 46.0178, 0.2739,
0.4637

■ 72.1513, 0.3150,
0.2802

■ 45.2386, 0.2739,
0.4855

■ 44.7076, 0.2758,
0.5063

■ 44.3970, 0.2786,
0.5231

Harmonies

Analogous

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



57.4135, 0.3188, 0.3528



57.4135, 0.3044, 0.3452



57.4135, 0.2925, 0.3330

Triad

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



57.4135, 0.3044, 0.3452



57.4135, 0.2937, 0.3051



57.4135, 0.3403, 0.3370

Complementary

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



57.4135, 0.3044, 0.3452



50.3566, 0.3220, 0.3133

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.



57.4135, 0.3333, 0.3246



57.4135, 0.3044, 0.3452



57.4135, 0.3062, 0.3065

Square

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



57.4135, 0.3044, 0.3452



57.4135, 0.2864, 0.3098



57.4135, 0.3207, 0.3136



57.4135, 0.3397, 0.3476

Rectangle

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



57.4135, 0.3044, 0.3452



57.4135, 0.2874, 0.3242



57.4135, 0.3207, 0.3136



57.4135, 0.3387, 0.3329

Sweetspot

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



57.4159, 0.3044, 0.3452



98.3028, 0.3105, 0.3332



58.6518, 0.3215, 0.3572



20.9460, 0.3099, 0.3343



0.0000, 0.0000, 0.0000



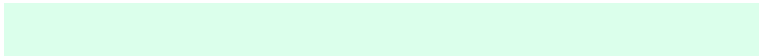
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4159, 0.3044, 0.3452



92.6157, 0.3023, 0.3498



57.9452, 0.2966, 0.3308



12.6167, 0.3058, 0.3424



27.6517, 0.2779, 0.5204



1.4417, 0.2671, 0.4816

Inverse Universe

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



50.3566, 0.3220, 0.3133



78.3388, 0.3247, 0.3091



49.8569, 0.3314, 0.3272



11.3180, 0.3203, 0.3160



8.8807, 0.4672, 0.2347



0.4732, 0.4310, 0.2148

Previews

White Background



This preview shows how the Yxy color 57.4135, 0.3044, 0.3452 looks on a white background.

Color Contrast Check

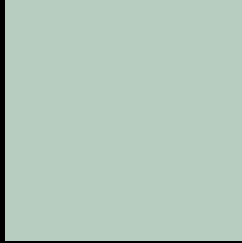
Large Text (above 18pt) WCAG AA × Fail

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 57.4135, 0.3044, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

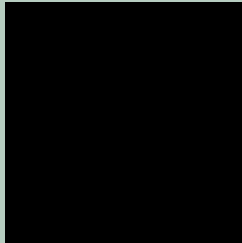
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

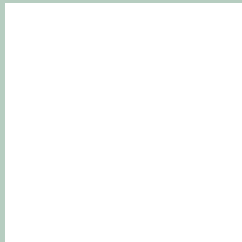
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4135, 0.3044, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 57.4135, 0.3044, 0.3452.



This preview shows how white text looks on a background with the Yxy color 57.4135, 0.3044, 0.3452.

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

57.4135, 0.3044, 0.3452

Protanopia

56.9981, 0.3257, 0.3410

Deuteranopia

57.2957, 0.3333, 0.3268



Tritanopia

57.2221, 0.2905, 0.3097

Trichromacy



Original Color

57.4135, 0.3044, 0.3452

Protanomaly

57.3177, 0.3183, 0.3436

Deuteranomaly

56.9494, 0.3221, 0.3326

Tritanomaly

57.1094, 0.2958, 0.3216

Monochromacy



Original Color

57.4135, 0.3044, 0.3452

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.4552, 0.3101, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4135, 0.3044, 0.3452 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(182, 205, 192)` looks like.

```
.text, #text, p{  
    color:rgb(182, 205, 192)  
}
```

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(182, 205, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 205, 192) }
```

Border

The CSS property to change the border of an element to Yxy 57.4135, 0.3044, 0.3452 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(182, 205, 192) }
```

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

```
.border{ border-color:rgb(182, 205, 192) }
```

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

Here you see how a box with a 4 pixel rgb(182, 205, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 205, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 205, 192);  
box-shadow:4px 4px 4px 4px rgb(182, 205,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4135, 0.3044, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 205, 192) }
```

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

```
.background{ background-color: rgb(182,  
205, 192) }
```

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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