

Converting Colors

$Yxy(54.7620, 0.2998, 0.3263)$

Have a look what the booklet for
Yxy(54.7620, 0.2998, 0.3263)
contains.

Yxy(54.6256, 0.2997, 0.3265)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.6256, 0.2997, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	B7C6C8
RGB	183, 198, 200
RGB Percent	72%, 78%, 78%
CMY	0.2825, 0.2235, 0.2157
CMYK	0.09, 0.01, 0.00, 0.22
HSL	187°, 13%, 75%
HSV	187°, 9%, 78%
XYZ	50.1418, 54.6256, 62.5392
YIQ	193.7430, -9.5820, -2.5580

Conversions

Conversions Part 2

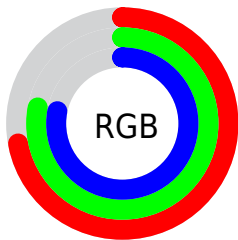
Format	Color
R _Y B	183, 191, 200
Decimal	12043976
CIE Lab	78.83, -4.72, -2.76
CIE LCh	79, 5.467, 210.297
Yxy	54.6256, 0.2997, 0.3265
Android (android.graphics.Color)	4290234056 (0xFFB7C6C8)
YUV	193.7430, 3.0847, -9.4216
Hunter-Lab	73.9091, -8.2422, 1.5674

Details

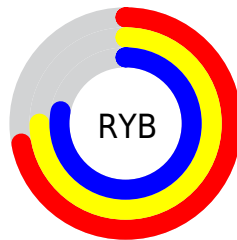
The Yxy color $54.6256, 0.2997, 0.3265$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.3735, 0.3271, 0.3315$, and the grayscale version is $53.7730, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.0907, 0.3029, 0.3290$, and $26.7677, 0.2964, 0.3256$ is the 20% darker color. If you saturate the color by 10%, you get $51.2926, 0.2849, 0.3233$, and if you desaturate by 10%, it is $58.3280, 0.3150, 0.3294$.

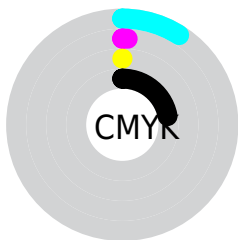
Distribution



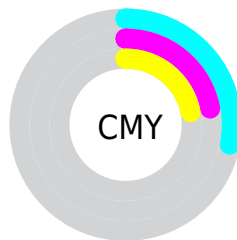
- Red (72%)
- Green (78%)
- Blue (78%)



- Red (72%)
- Yellow (75%)
- Blue (78%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6256, 0.2997, 0.3265 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 54.6256, 0.2997, 0.3265 by changing the saturation by 10% instead.

■ 54.6256, 0.2997,
0.3265

■ 54.6256, 0.2997,
0.3265

404.4911, 0.3060,
0.3278

■ 39.1020, 0.2982,
0.3262

■ 96.9922, 0.3020,
0.3270

■ 26.8391, 0.2963,
0.3258

124.6040, 0.3028,
0.3271

■ 17.4524, 0.2937,
0.3253

157.0140, 0.3035,
0.3273

■ 10.5576, 0.2903,
0.3245

194.6067, 0.3042,
0.3274

■ 5.7702, 0.2854,
0.3234

237.7663, 0.3047,
0.3275

■ 2.7059, 0.2777,
0.3216

286.8773, 0.3052,

■ 0.9802, 0.2640,

0.3276

0.3182

342.3241, 0.3056,
0.3277

0.0000, 0.0000,
0.0000

54.6256, 0.2997,
0.3265

54.6256, 0.2997,
0.3265

51.2926, 0.2849,
0.3233

58.3280, 0.3150,
0.3294

48.3074, 0.2708,
0.3199

62.4066, 0.3305,
0.3321

45.6565, 0.2579,
0.3162

66.8769, 0.3461,
0.3344

43.3230, 0.2463,
0.3124

70.2084, 0.3551,
0.3367

41.2883, 0.2363,
0.3084

71.3459, 0.3546,
0.3390

■ 39.5318, 0.2281,
0.3044

■ 72.5000, 0.3541,
0.3414

■ 38.0302, 0.2219,
0.3003

■ 73.6708, 0.3536,
0.3437

■ 36.7562, 0.2175,
0.2963

■ 74.8585, 0.3531,
0.3461

■ 35.6664, 0.2147,
0.2923

■ 76.0631, 0.3526,
0.3484

Harmonies

Analogous

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



54.6256, 0.3041, 0.3331



54.6256, 0.2997, 0.3265



54.6256, 0.2988, 0.3207

Triad

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



54.6256, 0.2997, 0.3265



54.6256, 0.3146, 0.3197



54.6256, 0.3239, 0.3409

Complementary

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



54.6256, 0.2997, 0.3265



50.3735, 0.3271, 0.3315

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.



54.6256, 0.3269, 0.3371



54.6256, 0.2997, 0.3265



54.6256, 0.3214, 0.3250

Square

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



54.6256, 0.2997, 0.3265



54.6256, 0.3073, 0.3169



54.6256, 0.3259, 0.3313



54.6256, 0.3180, 0.3415

Rectangle

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



54.6256, 0.2997, 0.3265



54.6256, 0.3003, 0.3181



54.6256, 0.3259, 0.3313



54.6256, 0.3253, 0.3400

Sweetspot

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



54.6279, 0.2997, 0.3265



98.0116, 0.3080, 0.3281



54.8580, 0.3105, 0.3483



20.8669, 0.3068, 0.3279



0.0000, 0.0000, 0.0000



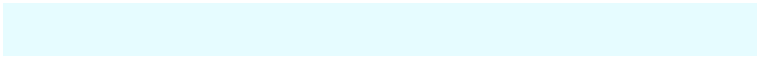
21.4041, 0.3127, 0.3290

Same Dimension

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



54.6279, 0.2997, 0.3265



93.6031, 0.2972, 0.3260



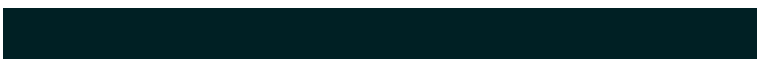
50.9654, 0.2997, 0.3161



11.8488, 0.2984, 0.3262



22.6657, 0.2145, 0.2923



1.1344, 0.2168, 0.3006

Inverse Universe

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



50.2116, 0.3152, 0.3107



84.6062, 0.3158, 0.3072



53.9175, 0.3260, 0.3415



10.7946, 0.3155, 0.3088



9.8281, 0.3523, 0.1714



0.4715, 0.3449, 0.1674

Previews

White Background



This preview shows how the Yxy color 54.6256, 0.2997, 0.3265 looks on a white background.

Color Contrast Check

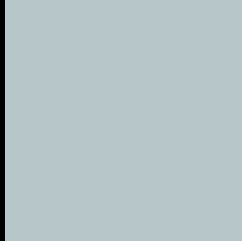
Large Text (above 18pt) WCAG AA × Fail

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 54.6256, 0.2997, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

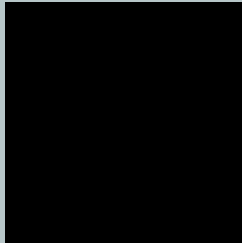
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

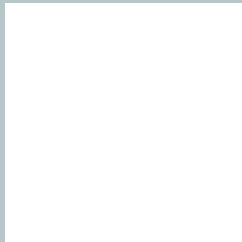
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6256, 0.2997, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 54.6256, 0.2997, 0.3265.



This preview shows how white text looks on a background with the Yxy color 54.6256, 0.2997, 0.3265.

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

54.6256, 0.2997, 0.3265

Protanopia

54.5311, 0.3121, 0.3242

Deuteranopia

54.5083, 0.3208, 0.3138



Tritanopia

54.5476, 0.2929, 0.3094

Trichromacy



Original Color

54.6256, 0.2997, 0.3265

Protanomaly

54.3602, 0.3074, 0.3241

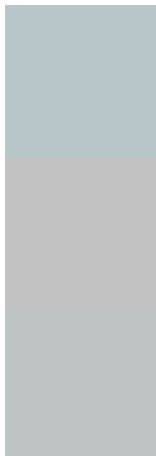
Deuteranomaly

54.3338, 0.3132, 0.3182

Tritanomaly

54.6769, 0.2949, 0.3155

Monochromacy



Original Color

54.6256, 0.2997, 0.3265

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9629, 0.3080, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6256, 0.2997, 0.3265 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(183, 198, 200)` looks like.

```
.text, #text, p{  
    color:rgb(183, 198, 200)  
}
```

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(183, 198, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 198, 200) }
```

Border

The CSS property to change the border of an element to Yxy 54.6256, 0.2997, 0.3265 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(183, 198, 200) }
```

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

```
.border{ border-color:rgb(183, 198, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 198, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 198, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 198, 200);  
box-shadow:4px 4px 4px 4px rgb(183, 198,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6256, 0.2997, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 198, 200) }
```

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

```
.background{ background-color: rgb(183,  
198, 200) }
```

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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