

Converting Colors

$Yxy(54.3641, 0.2952, 0.3277)$

Have a look what the booklet for
Yxy(54.3641, 0.2952, 0.3277)
contains.

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Color

Yxy(54.3641, 0.2952, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B1C7C8
RGB	177, 199, 200
RGB Percent	69%, 78%, 78%
CMY	0.3061, 0.2195, 0.2157
CMYK	0.12, 0.00, 0.00, 0.22
HSL	183°, 17%, 74%
HSV	183°, 12%, 78%
XYZ	48.9725, 54.3641, 62.5594
YIQ	192.5360, -13.4330, -4.3530

Conversions

Conversions Part 2

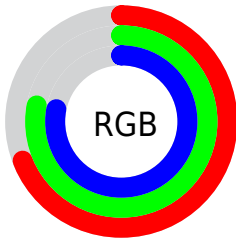
Format	Color
RYB	177, 188, 200
Decimal	11651016
CIELab	78.67, -7.23, -3.04
CIELCh	79, 7.844, 202.780
Yxy	54.3641, 0.2952, 0.3277
Android (android.graphics.Color)	4289841096 (0xFFB1C7C8)
YUV	192.5360, 3.6798, -13.6251
Hunter-Lab	73.7320, -10.4721, 1.3067

Details

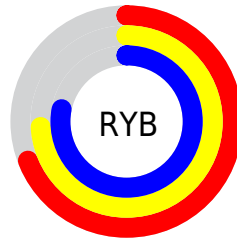
The Yxy color $54.3641, 0.2952, 0.3277$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.2712, 0.3330, 0.3303$, and the grayscale version is $53.0229, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.0636, 0.2993, 0.3290$, and $26.6112, 0.2905, 0.3272$ is the 20% darker color. If you saturate the color by 10%, you get $51.7935, 0.2808, 0.3265$, and if you desaturate by 10%, it is $57.2856, 0.3104, 0.3288$.

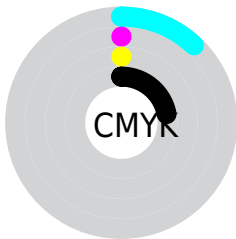
Distribution



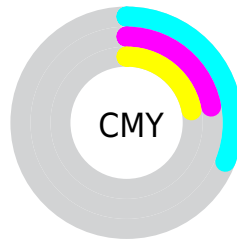
- Red (69%)
- Green (78%)
- Blue (78%)



- Red (69%)
- Yellow (74%)
- Blue (78%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)




- Cyan (31%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3641, 0.2952, 0.3277 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 54.3641, 0.2952, 0.3277 by changing the saturation by 10% instead.

 54.3641, 0.2952,
0.3277

 54.3641, 0.2952,
0.3277


403.4969, 0.3037,
0.3284

 38.8928, 0.2932,
0.3275

 96.6086, 0.2982,
0.3280

 26.6764, 0.2906,
0.3273


124.1507, 0.2994,
0.3281

 17.3303, 0.2872,
0.3269


156.4851, 0.3004,
0.3281

 10.4703, 0.2826,
0.3265

193.9964, 0.3012,
0.3282

 5.7119, 0.2760,
0.3257

237.0687, 0.3020,
0.3283

 2.6707, 0.2657,
0.3244

286.0867, 0.3026,

 0.9623, 0.2464,

0.3283

0.3222

341.4346, 0.3032,
0.3284

0.0000, 0.0000,
0.0000

54.3641, 0.2952,
0.3277

54.3641, 0.2952,
0.3277

51.7935, 0.2808,
0.3265

57.2856, 0.3104,
0.3288

49.5522, 0.2675,
0.3252

60.5653, 0.3260,
0.3299

47.6263, 0.2556,
0.3238

64.2187, 0.3418,
0.3308

45.9986, 0.2453,
0.3224

67.8854, 0.3561,
0.3317

44.6500, 0.2367,
0.3210

68.2912, 0.3559,
0.3325

■ 43.5592, 0.2301,
0.3195

■ 68.6992, 0.3558,
0.3334

■ 42.7020, 0.2254,
0.3181

■ 69.1095, 0.3556,
0.3343

■ 42.0493, 0.2224,
0.3167

■ 69.5220, 0.3554,
0.3352

■ 41.6112, 0.2210,
0.3155

■ 69.9368, 0.3552,
0.3361

Harmonies

Analogous

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



54.3641, 0.3024, 0.3371



54.3641, 0.2952, 0.3277



54.3641, 0.2926, 0.3188

Triad

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



54.3641, 0.2952, 0.3277



54.3641, 0.3127, 0.3143



54.3641, 0.3304, 0.3451

Complementary

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



54.3641, 0.2952, 0.3277



47.2712, 0.3330, 0.3303

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.



54.3641, 0.3333, 0.3387



54.3641, 0.2952, 0.3277



54.3641, 0.3230, 0.3211

Square

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



54.3641, 0.2952, 0.3277



54.3641, 0.3026, 0.3113



54.3641, 0.3305, 0.3299



54.3641, 0.3227, 0.3472

Rectangle

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



54.3641, 0.2952, 0.3277



54.3641, 0.2938, 0.3145



54.3641, 0.3305, 0.3299



54.3641, 0.3319, 0.3434

Sweetspot

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



54.3664, 0.2952, 0.3277



98.3682, 0.3080, 0.3287



53.8566, 0.3108, 0.3577



20.9636, 0.3068, 0.3286



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.



54.3664, 0.2952, 0.3277



92.8715, 0.2913, 0.3274



49.3553, 0.2949, 0.3133



11.9864, 0.2984, 0.3280



26.4906, 0.2210, 0.3157



1.2791, 0.2218, 0.3186

Inverse Universe

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



47.8303, 0.3148, 0.3021



79.2013, 0.3154, 0.2957



51.9550, 0.3313, 0.3443



10.8084, 0.3144, 0.3072



10.2142, 0.3319, 0.1602



0.4861, 0.3294, 0.1588

Previews

White Background



This preview shows how the Yxy color 54.3641, 0.2952, 0.3277 looks on a white background.

Color Contrast Check

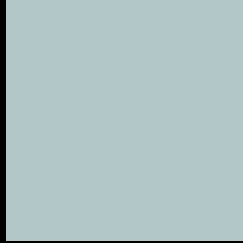
Large Text (above 18pt) WCAG AA × Fail

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 54.3641, 0.2952, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

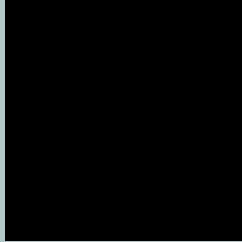
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

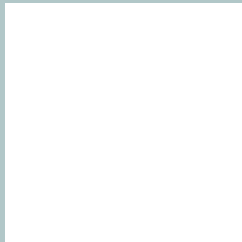
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3641, 0.2952, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 54.3641, 0.2952, 0.3277.



This preview shows how white text looks on a background with the Yxy color 54.3641, 0.2952, 0.3277.

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

54.3641, 0.2952, 0.3277

Protanopia

54.0415, 0.3129, 0.3241

Deuteranopia

54.3611, 0.3200, 0.3138



Tritanopia

54.3203, 0.2879, 0.3092

Trichromacy



Original Color

54.3641, 0.2952, 0.3277

Protanomaly

54.0546, 0.3066, 0.3253

Deuteranomaly

54.3627, 0.3108, 0.3194

Tritanomaly

54.4072, 0.2905, 0.3165

Monochromacy



Original Color

54.3641, 0.2952, 0.3277

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.5805, 0.3057, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3641, 0.2952, 0.3277 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(177, 199, 200)` looks like.

```
.text, #text, p{  
    color:rgb(177, 199, 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(177, 199, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 199, 200) }
```

Border

The CSS property to change the border of an element to Yxy 54.3641, 0.2952, 0.3277 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(177, 199, 200) }
```

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

```
.border{ border-color:rgb(177, 199, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 199, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 199, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 199, 200);  
box-shadow:4px 4px 4px 4px rgb(177, 199,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3641, 0.2952, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 199, 200) }
```

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

```
.background{ background-color: rgb(177,  
199, 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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