Converting Colors

Yxy(58.2782, 0.3062, 0.3424)

Have a look what the booklet for Yxy(58.2782, 0.3062, 0.3424) contains.

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Color

Yxy(58.1225, 0.3068, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	BBCDC2
RGB	187, 205, 194
RGB Percent	73%, 80%, 76%
CMY	0.2666, 0.1961, 0.2392
CMYK	0.09, 0.00, 0.05, 0.20
HSL	143°, 15%, 77%
HSV	143°, 9%, 80%
XYZ	52.0642, 58.1225, 59.5140
YIQ	198.3640, -7.1970, -7.2370

Conversions

Conversions Part 2

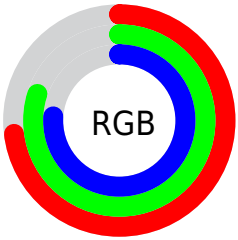
Format	Color
RYB	187, 200, 205
Decimal	12307906
CIELab	80.81, -8.16, 3.38
CIELCh	81, 8.837, 157.487
Yxy	58.1225, 0.3068, 0.3425
Android (android.graphics.Color)	4290497986 (0xFFBBCDC2)
YUV	198.3640, -2.1515, -9.9662
Hunter-Lab	76.2381, -11.5163, 7.0829

Details

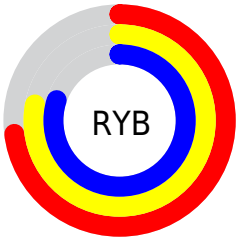
The Yxy color 58.1225, 0.3068, 0.3425 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 52.6023, 0.3191, 0.3159, and the grayscale version is 56.7238, 0.3127, 0.3290.

A 20% lighter version of the original color is 97.4768, 0.3082, 0.3339, and 29.0950, 0.3059, 0.3472 is the 20% darker color. If you saturate the color by 10%, you get 55.1814, 0.3002, 0.3597, and if you desaturate by 10%, it is 61.4851, 0.3135, 0.3272.

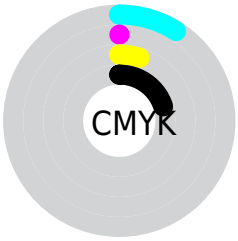
Distribution



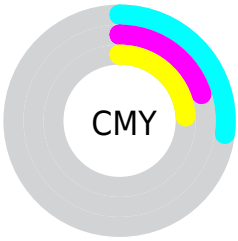
- Red (73%)
- Green (80%)
- Blue (76%)



- Red (73%)
- Yellow (78%)
- Blue (80%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



- Cyan (27%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1225, 0.3068, 0.3425 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 58.1225, 0.3068, 0.3425 by changing the saturation by 10% instead.

58.1225, 0.3068, 0.3425

417.6422, 0.3097, 0.3359

102.1012, 0.3078, 0.3402

130.6334, 0.3082, 0.3393

164.0399, 0.3086, 0.3385

202.7052, 0.3088, 0.3378

247.0137, 0.3091, 0.3373

297.3498, 0.3093,

58.1225, 0.3068, 0.3425

41.9071, 0.3061, 0.3441

29.0286, 0.3052, 0.3461

19.1024, 0.3041, 0.3487

11.7443, 0.3025, 0.3523

6.5698, 0.3002, 0.3575

3.1946, 0.2966, 0.3656

1.2341, 0.2901,

0.3368

0.3803

354.0978, 0.3095, 0.3363

0.0893, 0.0000, 1.0000

0.0000, 0.0000, 0.0000

58.1225, 0.3068, 0.3425

58.1225, 0.3068, 0.3425

55.1814, 0.3002, 0.3597

61.4851, 0.3135, 0.3272

52.6377, 0.2939, 0.3787

65.2776, 0.3202, 0.3137

50.4761, 0.2881, 0.3996

69.5174, 0.3267, 0.3019

48.6771, 0.2833, 0.4219

71.4637, 0.3226, 0.2903

47.2199, 0.2797, 0.4454

46.0811, 0.2777, 0.4693

45.2345, 0.2774, 0.4928

44.6493, 0.2790, 0.5149

44.2770, 0.2822, 0.5349

72.1437, 0.3150, 0.2801

Harmonies

Analogous

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

58.1225, 0.3184, 0.3483

58.1225, 0.3068, 0.3425

58.1225, 0.2969, 0.3330

Triad

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

58.1225, 0.3068, 0.3425

58.1225, 0.2969, 0.3098

58.1225, 0.3346, 0.3349

Complementary

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

58.1225, 0.3068, 0.3425

52.6023, 0.3191, 0.3159

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.

58.1225, 0.3287, 0.3249

58.1225, 0.3068, 0.3425

58.1225, 0.3068, 0.3106

Square

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

58.1225, 0.3068, 0.3425

58.1225, 0.2913, 0.3141

58.1225, 0.3184, 0.3161

58.1225, 0.3346, 0.3436

Rectangle

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

58.1225, 0.3068, 0.3425

58.1225, 0.2926, 0.3259

58.1225, 0.3184, 0.3161

58.1225, 0.3332, 0.3316

Sweetspot

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

58.1250, 0.3068, 0.3425

98.2803, 0.3107, 0.3335

59.2721, 0.3202, 0.3507

20.9400, 0.3101, 0.3347

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.

58.1250, 0.3068, 0.3425

94.0070, 0.3052, 0.3464

58.5370, 0.3007, 0.3315

12.6079, 0.3064, 0.3435

27.5565, 0.2818, 0.5346

1.4364, 0.2707, 0.4944

Inverse Universe

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

52.6023, 0.3191, 0.3159

82.7085, 0.3210, 0.3122

52.2035, 0.3262, 0.3265

11.3270, 0.3196, 0.3149

9.0262, 0.4481, 0.2242

0.4803, 0.4168, 0.2070

Previews

White Background

This preview shows how the Yxy color 58.1225, 0.3068, 0.3425 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 58.1225, 0.3068, 0.3425 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 58.1225, 0.3068, 0.3425

Background

This preview shows how black text looks on a background with the Yxy color 58.1225, 0.3068, 0.3425.

This preview shows how white text looks on a background with the Yxy color 58.1225, 0.3068, 0.3425.

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
58.1225, 0.3068, 0.3425

Protanopia
58.1920, 0.3241, 0.3397

Deuteranopia
57.9412, 0.3332, 0.3268

Tritanopia
57.8594, 0.2941, 0.3099

Trichromacy

Original Color
58.1225, 0.3068, 0.3425

Protanomaly
58.1889, 0.3176, 0.3410

Deuteranomaly
57.8836, 0.3237, 0.3326

Tritanomaly
57.7917, 0.2988, 0.3205

Monochromacy

Original Color
58.1225, 0.3068, 0.3425

Achromatopsia
56.4712, 0.3127, 0.3290

Achromatomaly
57.2738, 0.3102, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1225, 0.3068, 0.3425 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(187, 205, 194) looks like.

```
.text, #text, p{
    color:rgb(187, 205, 194)
}
```

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(187, 205, 194) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(187, 205, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 205, 194) }
```

Border

The CSS property to change the border of an element to Yxy 58.1225, 0.3068, 0.3425 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(187, 205, 194) }
```

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

```
.border{ border-color:rgb(187, 205, 194) }
```

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

Here you see how a box with a 4 pixel rgb(187, 205, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 205, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 205, 194); box-shadow:4px 4px 4px 4px rgb(187, 205, 194) }
```

Background

The CSS property to change the background color of an element to Yxy 58.1225, 0.3068, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(187, 205, 194) }
```

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

```
.background{ background-color:rgb(187,
205, 194) }
```

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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