Converting Colors

Yxy(60.2891, 0.3158, 0.3290)

Have a look what the booklet for Yxy(60.2891, 0.3158, 0.3290) contains.

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Color

Yxy(60.2891, 0.3158, 0.3290)

Conversions

	Conversions Part 1
Format	**Color**
Hex	CFCBCB
RGB	207, 203, 203
RGB Percent	81%, 80%, 80%
CMY	0.1882, 0.2039, 0.2039
CMYK	0.00, 0.02, 0.02, 0.19
HSL	360°, 4%, 80%
HSV	360°, 2%, 81%
XYZ	57.8702, 60.2891, 65.0902
YIQ	204.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

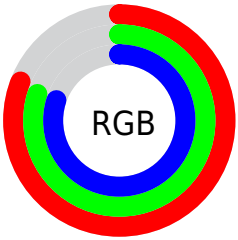
Format	Color
RYB	207, 203, 203
Decimal	13618123
CIELab	82.00, 1.39, 0.48
CIELCh	82, 1.469, 18.949
Yxy	60.2891, 0.3158, 0.3290
Android (android.graphics.Color)	4291808203 (0xFFCFCBCB)
YUV	204.1960, -0.5896, 2.4591
Hunter-Lab	77.6461, -2.8432, 4.6498

Details

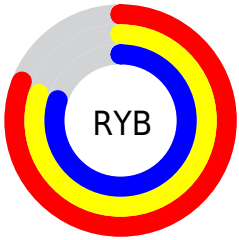
The Yxy color 60.2891, 0.3158, 0.3290 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 61.8332, 0.3097, 0.3290, and the grayscale version is 60.5191, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 30.4371, 0.3168, 0.3290 is the 20% darker color. If you saturate the color by 10%, you get 50.2373, 0.3340, 0.3290, and if you desaturate by 10%, it is 71.7830, 0.3012, 0.3290.

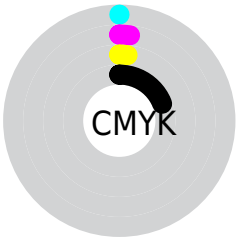
Distribution



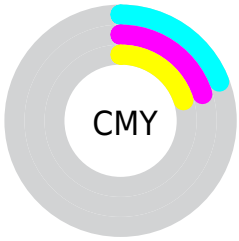
- Red (81%)
- Green (80%)
- Blue (80%)



- Red (81%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2891, 0.3158, 0.3290 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 60.2891, 0.3158, 0.3290 by changing the saturation by 10% instead.

60.2891, 0.3158, 0.3290

425.6626, 0.3143, 0.3290

105.2489, 0.3153, 0.3290

134.3401, 0.3151, 0.3290

168.3514, 0.3149, 0.3290

207.6672, 0.3148, 0.3290

252.6718, 0.3146, 0.3290

303.7496, 0.3145,

60.2891, 0.3158, 0.3290

43.6517, 0.3161, 0.3290

30.3968, 0.3166, 0.3290

20.1400, 0.3172, 0.3290

12.4968, 0.3179, 0.3290

7.0830, 0.3190, 0.3290

3.5141, 0.3207, 0.3289

1.4056, 0.3235,

0.3290

0.3289

361.2851, 0.3144, 0.3290

0.2209, 0.3629, 0.3287

0.0000, 0.0000, 0.0000

60.2891, 0.3158, 0.3290

60.2891, 0.3158, 0.3290

50.2373, 0.3340, 0.3290

71.7830, 0.3012, 0.3290

41.5633, 0.3569, 0.3291

84.7647, 0.2895, 0.3290

34.2095, 0.3853, 0.3291

92.0070, 0.2844, 0.3289

28.1112, 0.4202, 0.3292

23.1982, 0.4617, 0.3293

19.3935, 0.5083, 0.3294

16.6111, 0.5560, 0.3295

14.7523, 0.5979, 0.3297

13.6988, 0.6268, 0.3298

Harmonies

Analogous

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

60.2891, 0.3144, 0.3274

60.2891, 0.3158, 0.3290

60.2891, 0.3164, 0.3306

Triad

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

60.2891, 0.3158, 0.3290

60.2891, 0.3130, 0.3319

60.2891, 0.3094, 0.3262

Complementary

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

60.2891, 0.3158, 0.3290

61.8332, 0.3097, 0.3290

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.

60.2891, 0.3091, 0.3274

60.2891, 0.3158, 0.3290

60.2891, 0.3111, 0.3307

Square

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

60.2891, 0.3158, 0.3290

60.2891, 0.3148, 0.3323

60.2891, 0.3097, 0.3290

60.2891, 0.3107, 0.3258

Rectangle

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

60.2891, 0.3158, 0.3290

60.2891, 0.3163, 0.3315

60.2891, 0.3097, 0.3290

60.2891, 0.3092, 0.3265

Sweetspot

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

60.2917, 0.3158, 0.3290

98.2209, 0.3143, 0.3290

60.4755, 0.3129, 0.3244

21.0421, 0.3142, 0.3290

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.

60.2917, 0.3158, 0.3290

96.4654, 0.3159, 0.3290

61.2127, 0.3157, 0.3313

13.5378, 0.3157, 0.3290

8.3583, 0.6399, 0.3299

0.4674, 0.6394, 0.3296

Inverse Universe

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

60.2917, 0.3158, 0.3290

96.4654, 0.3159, 0.3290

60.9000, 0.3098, 0.3267

13.5378, 0.3157, 0.3290

8.3583, 0.6399, 0.3299

0.4674, 0.6394, 0.3296

Previews

White Background

This preview shows how the Yxy color 60.2891, 0.3158, 0.3290 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 60.2891, 0.3158, 0.3290 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 60.2891, 0.3158, 0.3290

Background

This preview shows how black text looks on a background with the Yxy color 60.2891, 0.3158, 0.3290.

This preview shows how white text looks on a background with the Yxy color 60.2891, 0.3158, 0.3290.

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
60.2891, 0.3158, 0.3290

Protanopia
60.4336, 0.3166, 0.3290

Deuteranopia
59.9801, 0.3282, 0.3212

Tritanopia
60.3384, 0.3075, 0.3107

Trichromacy

Original Color
60.2891, 0.3158, 0.3290

Protanomaly
60.4336, 0.3166, 0.3290

Deuteranomaly
59.9582, 0.3232, 0.3233

Tritanomaly
60.4044, 0.3102, 0.3175

Monochromacy

Original Color
60.2891, 0.3158, 0.3290

Achromatopsia
60.3827, 0.3127, 0.3290

Achromatomaly
60.5245, 0.3135, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2891, 0.3158, 0.3290 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(207, 203, 203) looks like.

```
.text, #text, p{
    color:rgb(207, 203, 203)
}
```

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(207, 203, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 203, 203) }
```

Border

The CSS property to change the border of an element to Yxy 60.2891, 0.3158, 0.3290 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(207, 203, 203) }
```

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

```
.border{ border-color:rgb(207, 203, 203) }
```

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

Here you see how a box with a 4 pixel rgb(207, 203, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 203, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 203, 203); box-shadow:4px 4px 4px 4px rgb(207, 203, 203) }
```

Background

The CSS property to change the background color of an element to Yxy 60.2891, 0.3158, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(207, 203, 203) }
```

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

```
.background{ background-color:rgb(207, 203, 203) }
```

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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