

Converting Colors

$Y_{xy}(50.2113, 0.3080, 0.3239)$

Have a look what the booklet for
Yxy(50.2113, 0.3080, 0.3239)
contains.

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Color

Yxy(50.2113, 0.3080, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	BABCC0
RGB	186, 188, 192
RGB Percent	73%, 74%, 75%
CMY	0.2707, 0.2627, 0.2469
CMYK	0.03, 0.02, 0.00, 0.25
HSL	220°, 5%, 74%
HSV	220°, 3%, 75%
XYZ	47.7465, 50.2113, 57.0632
YIQ	187.8580, -2.4760, 0.8200

Conversions

Conversions Part 2

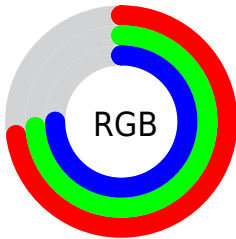
Format	Color
R _Y B	186, 188, 192
Decimal	12238016
CIE Lab	76.20, 0.06, -2.28
CIE LCh	76, 2.286, 271.540
Yxy	50.2113, 0.3080, 0.3239
Android (android.graphics.Color)	4290428096 (0xFFBABC0)
YUV	187.8580, 2.0420, -1.6295
Hunter-Lab	70.8599, -3.7290, 1.8559




Details

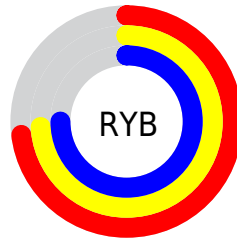
The Yxy color `50.2113, 0.3080, 0.3239` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `51.5852, 0.3175, 0.3340`, and the grayscale version is `50.1944, 0.3127, 0.3290`.




A 20% lighter version of the original color is `90.3559, 0.3090, 0.3250`, and `24.1786, 0.3064, 0.3221` is the 20% darker color. If you saturate the color by 10%, you get `42.7493, 0.2923, 0.3064`, and if you desaturate by 10%, it is `58.4840, 0.3226, 0.3394`.

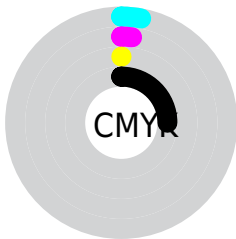
Distribution







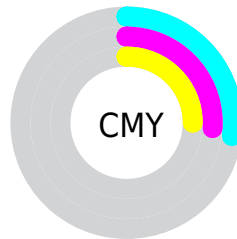
-  Red (73%)
-  Green (74%)
-  Blue (75%)






-  Red (73%)
-  Yellow (74%)
-  Blue (75%)



-  Cyan (3%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (25%)



-  Cyan (27%)
-  Magenta (26%)
-  Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2113, 0.3080, 0.3239 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 50.2113, 0.3080, 0.3239 by changing the saturation by 10% instead.

■ 50.2113, 0.3080,
0.3239

■ 50.2113, 0.3080,
0.3239

387.4917, 0.3103,
0.3264

■ 35.5813, 0.3074,
0.3233

■ 90.4879, 0.3088,
0.3248

■ 24.1110, 0.3067,
0.3225

116.9032, 0.3092,
0.3252

■ 15.4160, 0.3057,
0.3214

148.0159, 0.3094,
0.3254

■ 9.1119, 0.3044,
0.3200

184.2102, 0.3097,
0.3257

■ 4.8142, 0.3024,
0.3179

225.8705, 0.3099,
0.3259

■ 2.1387, 0.2992,
0.3144

273.3813, 0.3100,

■ 0.6862, 0.2910,

0.3261

0.3054

327.1269, 0.3102,
0.3263

0.0000, 0.0000,
0.0000

50.2113, 0.3080,
0.3239

50.2113, 0.3080,
0.3239

42.7493, 0.2923,
0.3064

58.4840, 0.3226,
0.3394

36.0661, 0.2756,
0.2868

67.5849, 0.3359,
0.3530

30.1375, 0.2581,
0.2652

77.5393, 0.3482,
0.3649

24.9350, 0.2403,
0.2418

86.8610, 0.3537,
0.3762

20.4287, 0.2227,
0.2171

94.6113, 0.3508,
0.3881

■ 16.5860, 0.2059,
0.1916

■ 96.5873, 0.3502,
0.3909

■ 13.3715, 0.1908,
0.1664

■ 10.7460, 0.1781,
0.1424

■ 8.6643, 0.1685,
0.1209

Harmonies

Analogous

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



50.2113, 0.3067, 0.3254



50.2113, 0.3080, 0.3239



50.2113, 0.3105, 0.3238

Triad

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



50.2113, 0.3080, 0.3239



50.2113, 0.3184, 0.3301



50.2113, 0.3118, 0.3330

Complementary

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



50.2113, 0.3080, 0.3239



51.5852, 0.3175, 0.3340

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.



50.2113, 0.3149, 0.3343



50.2113, 0.3080, 0.3239



50.2113, 0.3188, 0.3326

Square

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



50.2113, 0.3080, 0.3239



50.2113, 0.3166, 0.3274



50.2113, 0.3175, 0.3342



50.2113, 0.3089, 0.3307

Rectangle

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



50.2113, 0.3080, 0.3239



50.2113, 0.3126, 0.3245



50.2113, 0.3175, 0.3342



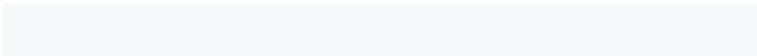
50.2113, 0.3128, 0.3336

Sweetspot

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



50.2134, 0.3080, 0.3239



94.0240, 0.3112, 0.3274



51.8647, 0.3094, 0.3317



20.1873, 0.3113, 0.3275



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



50.2134, 0.3080, 0.3239



89.6556, 0.3066, 0.3224



49.4677, 0.3088, 0.3213



11.0874, 0.3057, 0.3213



5.1793, 0.1639, 0.1101



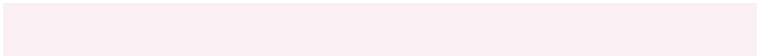
0.3523, 0.1769, 0.1568

Inverse Universe

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



49.9517, 0.3162, 0.3265



89.0554, 0.3172, 0.3257



52.3511, 0.3165, 0.3366



11.0021, 0.3180, 0.3252



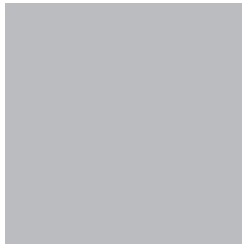
7.8051, 0.5609, 0.2863



0.3502, 0.4972, 0.2512

Previews

White Background



This preview shows how the Yxy color 50.2113, 0.3080, 0.3239 looks on a white background.

Color Contrast Check

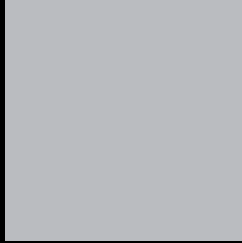
Large Text (above 18pt) WCAG AA × Fail

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 50.2113, 0.3080, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

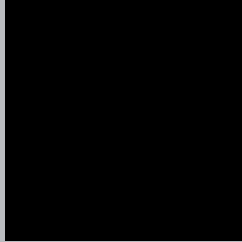
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

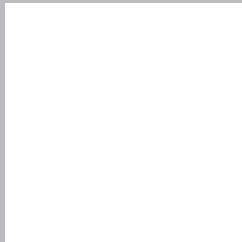
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2113, 0.3080, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 50.2113, 0.3080, 0.3239.



This preview shows how white text looks on a background with the Yxy color 50.2113, 0.3080, 0.3239.

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

50.2113, 0.3080, 0.3239

Protanopia

50.2494, 0.3121, 0.3240

Deuteranopia

50.0027, 0.3219, 0.3157



Tritanopia

50.3225, 0.3022, 0.3115

Trichromacy



Original Color

50.2113, 0.3080, 0.3239

Protanomaly

50.1211, 0.3113, 0.3240

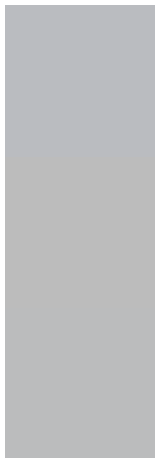
Deuteranomaly

50.0016, 0.3166, 0.3179

Tritanomaly

50.1827, 0.3044, 0.3152

Monochromacy



Original Color

50.2113, 0.3080, 0.3239

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2054, 0.3111, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2113, 0.3080, 0.3239 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(186, 188, 192)` looks like.

```
.text, #text, p{  
    color:rgb(186, 188, 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(186, 188, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 188, 192) }
```

Border

The CSS property to change the border of an element to Yxy 50.2113, 0.3080, 0.3239 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(186, 188, 192) }
```

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

```
.border{ border-color:rgb(186, 188, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 188, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 188, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 188, 192);  
box-shadow:4px 4px 4px 4px rgb(186, 188,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2113, 0.3080, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 188, 192) }
```

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

```
.background{ background-color: rgb(186,  
188, 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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