

Converting Colors

$Yxy(52.2194, 0.3217, 0.3267)$

Have a look what the booklet for
Yxy(52.2194, 0.3217, 0.3267)
contains.

Yxy(52.1017, 0.3220, 0.3266)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.1017, 0.3220, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	C9BCBE
RGB	201, 188, 190
RGB Percent	79%, 74%, 75%
CMY	0.2117, 0.2627, 0.2549
CMYK	0.00, 0.06, 0.05, 0.21
HSL	351°, 11%, 76%
HSV	351°, 6%, 79%
XYZ	51.3679, 52.1017, 56.0580
YIQ	192.1150, 7.1060, 3.3780

Conversions

Conversions Part 2

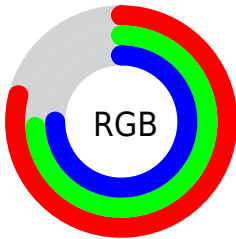
Format	Color
R _Y B	201, 188, 190
Decimal	13221054
CIE Lab	77.34, 4.94, 0.64
CIE LCh	77, 4.981, 7.357
Yxy	52.1017, 0.3220, 0.3266
Android (android.graphics.Color)	4291411134 (0xFFC9BCBE)
YUV	192.1150, -1.0427, 7.7921
Hunter-Lab	72.1815, 0.7116, 4.4809

Details

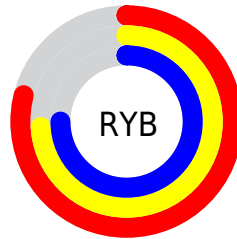
The Yxy color $52.1017, 0.3220, 0.3266$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $56.5993, 0.3041, 0.3314$, and the grayscale version is $52.7883, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.6152, 0.3186, 0.3271$, and $25.3371, 0.3242, 0.3258$ is the 20% darker color. If you saturate the color by 10%, you get $43.4035, 0.3391, 0.3227$, and if you desaturate by 10%, it is $62.0877, 0.3082, 0.3303$.

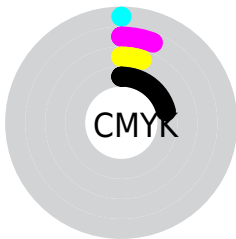
Distribution



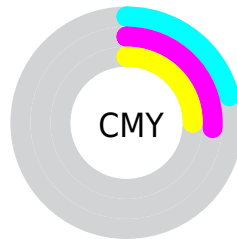
- Red (79%)
- Green (74%)
- Blue (75%)



- Red (79%)
- Yellow (74%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (21%)





- Cyan (21%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1017, 0.3220, 0.3266 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 52.1017, 0.3220, 0.3266 by changing the saturation by 10% instead.


 52.1017, 0.3220,
0.3266

 52.1017, 0.3220,
0.3266


394.8291, 0.3174,
0.3278

 37.0861, 0.3231,
0.3263


 93.2812, 0.3204,
0.3270

 25.2742, 0.3245,
0.3259


120.2140, 0.3197,
0.3272

 16.2815, 0.3264,
0.3254


151.8879, 0.3192,
0.3273

 9.7235, 0.3290,
0.3247

188.6874, 0.3188,
0.3275

 5.2160, 0.3327,
0.3237

230.9969, 0.3184,
0.3276

 2.3746, 0.3388,
0.3221

279.2007, 0.3180,

 0.8128, 0.3510,

0.3276

0.3191

333.6833, 0.3177,
0.3277

0.0000, 0.0000,
0.0000

52.1017, 0.3220,
0.3266

52.1017, 0.3220,
0.3266

43.4035, 0.3391,
0.3227

62.0877, 0.3082,
0.3303

35.9341, 0.3603,
0.3186

73.4039, 0.2970,
0.3336

29.6401, 0.3865,
0.3145

86.0990, 0.2879,
0.3366

24.4615, 0.4181,
0.3107

91.1604, 0.2811,
0.3289

20.3330, 0.4553,
0.3077

■ 17.1824, 0.4969,
0.3063

■ 14.9285, 0.5401,
0.3072

■ 13.4767, 0.5800,
0.3108

■ 12.7060, 0.6110,
0.3169

Harmonies

Analogous

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



52.1017, 0.3160, 0.3214



52.1017, 0.3220, 0.3266



52.1017, 0.3255, 0.3325

Triad

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



52.1017, 0.3220, 0.3266



52.1017, 0.3161, 0.3402



52.1017, 0.3001, 0.3203

Complementary

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



52.1017, 0.3220, 0.3266



56.5993, 0.3041, 0.3314

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.



52.1017, 0.3002, 0.3253



52.1017, 0.3220, 0.3266



52.1017, 0.3093, 0.3369

Square

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



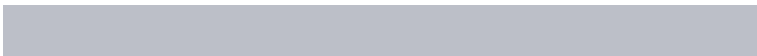
52.1017, 0.3220, 0.3266



52.1017, 0.3220, 0.3404



52.1017, 0.3035, 0.3314



52.1017, 0.3034, 0.3177

Rectangle

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



52.1017, 0.3220, 0.3266



52.1017, 0.3259, 0.3361



52.1017, 0.3035, 0.3314



52.1017, 0.2998, 0.3218

Sweetspot

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



52.1040, 0.3220, 0.3266



96.5139, 0.3155, 0.3283



52.3060, 0.3117, 0.3133



20.6945, 0.3153, 0.3283



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.



52.1040, 0.3220, 0.3266



86.6044, 0.3246, 0.3260



53.9000, 0.3231, 0.3343



10.6629, 0.3266, 0.3255



7.8776, 0.6171, 0.3173



0.3817, 0.5661, 0.2892

Inverse Universe

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



52.1040, 0.3220, 0.3266



86.6044, 0.3246, 0.3260



54.6969, 0.3028, 0.3236



10.6629, 0.3266, 0.3255



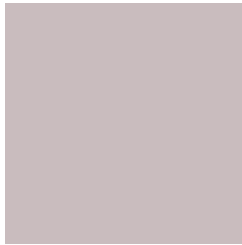
7.8776, 0.6171, 0.3173



0.3817, 0.5661, 0.2892

Previews

White Background



This preview shows how the Yxy color 52.1017, 0.3220, 0.3266 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 52.1017, 0.3220, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

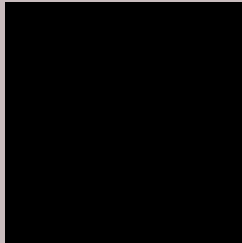
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

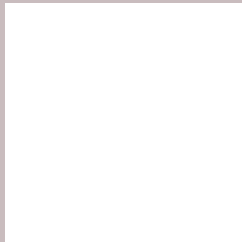
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1017, 0.3220, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 52.1017, 0.3220, 0.3266.



This preview shows how white text looks on a background with the Yxy color 52.1017, 0.3220, 0.3266.

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

52.1017, 0.3220, 0.3266

Protanopia

52.0578, 0.3152, 0.3278

Deuteranopia

52.1611, 0.3291, 0.3219



Tritanopia

52.0314, 0.3152, 0.3110

Trichromacy



Original Color

52.1017, 0.3220, 0.3266

Protanomaly

52.0271, 0.3178, 0.3266

Deuteranomaly

52.1448, 0.3265, 0.3230

Tritanomaly

52.1284, 0.3174, 0.3170

Monochromacy



Original Color

52.1017, 0.3220, 0.3266

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.6253, 0.3160, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1017, 0.3220, 0.3266 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(201, 188, 190)` looks like.

```
.text, #text, p{  
    color:rgb(201, 188, 190)  
}
```

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(201, 188, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 188, 190) }
```

Border

The CSS property to change the border of an element to Yxy 52.1017, 0.3220, 0.3266 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(201, 188, 190) }
```

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

```
.border{ border-color:rgb(201, 188, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 188, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 188, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 188, 190);  
box-shadow:4px 4px 4px 4px rgb(201, 188,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1017, 0.3220, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 188, 190) }
```

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

```
.background{ background-color: rgb(201,  
188, 190) }
```

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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