

Converting Colors

Yxy(53.1149, 0.3133, 0.3268)

Have a look what the booklet for
Yxy(53.1149, 0.3133, 0.3268)
contains.

Yxy(53.0636, 0.3128, 0.3265)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Yxy(53.0636, 0.3128, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	C2C0C2
RGB	194, 192, 194
RGB Percent	76%, 75%, 76%
CMY	0.2392, 0.2470, 0.2391
CMYK	0.00, 0.01, 0.00, 0.24
HSL	299°, 2%, 76%
HSV	299°, 1%, 76%
XYZ	50.8370, 53.0636, 58.6219
YIQ	192.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

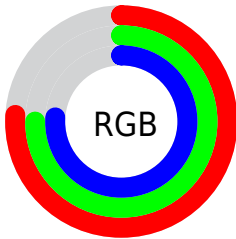
Format	Color
RYB	194, 192, 194
Decimal	12763330
CIELab	77.91, 1.07, -0.79
CIElCh	78, 1.329, 323.773
Yxy	53.0636, 0.3128, 0.3265
Android (android.graphics.Color)	4290953410 (0xFFC2C0C2)
YUV	192.8260, 0.5788, 1.0296
Hunter-Lab	72.8448, -2.9064, 3.2777

Details

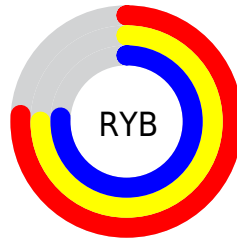
The Yxy color **53.0636, 0.3128, 0.3265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6175, 0.3126, 0.3315**, and the grayscale version is **53.2189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3609, 0.3128, 0.3271**, and **25.9341, 0.3128, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **45.0470, 0.3136, 0.3021**, and if you desaturate by 10%, it is **62.2083, 0.3120, 0.3498**.

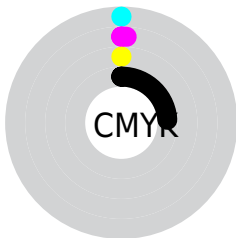
Distribution



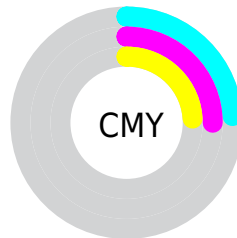
- Red (76%)
- Green (75%)
- Blue (76%)



- Red (76%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)




- Cyan (24%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0636, 0.3128, 0.3265 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 53.0636, 0.3128, 0.3265 by changing the saturation by 10% instead.


 53.0636, 0.3128,
0.3265

 53.0636, 0.3128,
0.3265

398.5291, 0.3128,
0.3277

 37.8535, 0.3128,
0.3262


 94.6979, 0.3128,
0.3269

 25.8690, 0.3128,
0.3258


121.8910, 0.3128,
0.3271

 16.7257, 0.3128,
0.3253


153.8472, 0.3128,
0.3273

 10.0391, 0.3128,
0.3246

190.9510, 0.3128,
0.3274

 5.4249, 0.3129,
0.3236

233.5866, 0.3128,
0.3275

 2.4987, 0.3129,
0.3221

282.1386, 0.3128,

 0.8760, 0.3130,

0.3276

0.3192

336.9913, 0.3128,
0.3277

0.0000, 0.0000,
0.0000

53.0636, 0.3128,
0.3265

53.0636, 0.3128,
0.3265

45.0470, 0.3136,
0.3021

62.2083, 0.3120,
0.3498

38.1080, 0.3144,
0.2772

72.5154, 0.3112,
0.3717

32.2024, 0.3151,
0.2525

84.0264, 0.3105,
0.3920

27.2804, 0.3157,
0.2287

87.0948, 0.3105,
0.3967

23.2881, 0.3161,
0.2069

87.1475, 0.3107,
0.3967

■ 20.1664, 0.3164,
0.1880

■ 87.2004, 0.3109,
0.3966

■ 17.8494, 0.3165,
0.1727

■ 87.2534, 0.3112,
0.3966

■ 16.2618, 0.3164,
0.1616

■ 87.3066, 0.3114,
0.3965

■ 15.3142, 0.3162,
0.1547

■ 87.3599, 0.3117,
0.3965

Harmonies

Analogous

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



53.0636, 0.3111, 0.3260



53.0636, 0.3128, 0.3265



53.0636, 0.3145, 0.3277

Triad

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



53.0636, 0.3128, 0.3265



53.0636, 0.3157, 0.3318



53.0636, 0.3097, 0.3288

Complementary

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



53.0636, 0.3128, 0.3265



53.6175, 0.3126, 0.3315

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.



53.0636, 0.3109, 0.3303



53.0636, 0.3128, 0.3265



53.0636, 0.3144, 0.3321

Square

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



53.0636, 0.3128, 0.3265



53.0636, 0.3162, 0.3308



53.0636, 0.3126, 0.3316



53.0636, 0.3093, 0.3273

Rectangle

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



53.0636, 0.3128, 0.3265



53.0636, 0.3154, 0.3287



53.0636, 0.3126, 0.3316



53.0636, 0.3100, 0.3293

Sweetspot

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



53.0659, 0.3128, 0.3265



97.7402, 0.3127, 0.3290



52.8340, 0.3112, 0.3266



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



53.0659, 0.3128, 0.3265



96.1517, 0.3128, 0.3266



53.0289, 0.3135, 0.3277



11.7492, 0.3128, 0.3268



9.7681, 0.3159, 0.1514



0.4254, 0.3171, 0.1521

Inverse Universe

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



52.9825, 0.3143, 0.3290



96.0052, 0.3143, 0.3290



53.6543, 0.3119, 0.3303



11.7327, 0.3142, 0.3290



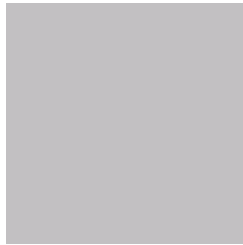
7.5479, 0.6375, 0.3286



0.3273, 0.6282, 0.3234

Previews

White Background



This preview shows how the Yxy color 53.0636, 0.3128, 0.3265 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 53.0636, 0.3128, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

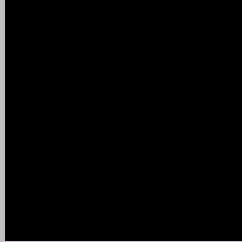
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

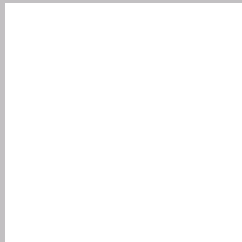
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0636, 0.3128, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 53.0636, 0.3128, 0.3265.

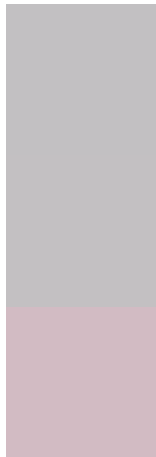


This preview shows how white text looks on a background with the Yxy color 53.0636, 0.3128, 0.3265.

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

53.0636, 0.3128, 0.3265

Protanopia

53.1964, 0.3136, 0.3266

Deuteranopia

53.1824, 0.3257, 0.3196



Tritanopia

52.9705, 0.3063, 0.3109

Trichromacy



Original Color

53.0636, 0.3128, 0.3265

Protanomaly

53.1964, 0.3136, 0.3266

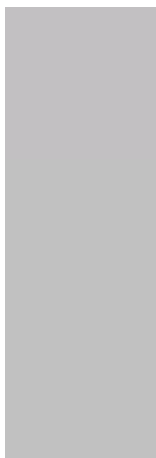
Deuteranomaly

53.1727, 0.3205, 0.3218

Tritanomaly

53.0808, 0.3085, 0.3168

Monochromacy



Original Color

53.0636, 0.3128, 0.3265

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3276, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0636, 0.3128, 0.3265 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(194, 192, 194)` looks like.

```
.text, #text, p{  
    color:rgb(194, 192, 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(194, 192, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 192, 194) }
```

Border

The CSS property to change the border of an element to Yxy 53.0636, 0.3128, 0.3265 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(194, 192, 194) }
```

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

```
.border{ border-color:rgb(194, 192, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 192, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 192, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 192, 194);  
box-shadow:4px 4px 4px 4px rgb(194, 192,  
194) }
```

Background

The CSS property to change the background color of an element to Yxy 53.0636, 0.3128, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 192, 194) }
```

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

```
.background{ background-color: rgb(194,  
192, 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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