

Converting Colors

Yxy(54.3096, 0.3036, 0.3216)

Have a look what the booklet for
Yxy(54.3096, 0.3036, 0.3216)
contains.

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Color

Yxy(54.0661, 0.3036, 0.3216)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BDC3C9 |
| RGB | 189, 195, 201 |
| RGB Percent | 74%, 76%, 79% |
| CMY | 0.2589, 0.2353, 0.2117 |
| CMYK | 0.06, 0.03, 0.00, 0.21 |
| HSL | 210°, 10%, 76% |
| HSV | 210°, 6%, 79% |
| XYZ | 51.0400, 54.0661, 63.0099 |
| YIQ | 193.8900, -5.5020, 0.5940 |

Conversions

Conversions Part 2

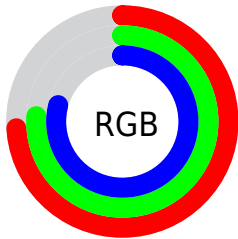
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 189, 193, 201 |
| Decimal | 12436425 |
| CIE _{Lab} | 78.50, -0.92, -3.73 |
| CIE _{LCh} | 79, 3.846, 256.130 |
| Yxy | 54.0661, 0.3036, 0.3216 |
| Android (android.graphics.Color) | 4290626505 (0xFFBDC3C9) |
| YUV | 193.8900, 3.5052, -4.2885 |
| Hunter-Lab | 73.5297, -4.7726, 0.6633 |

Details

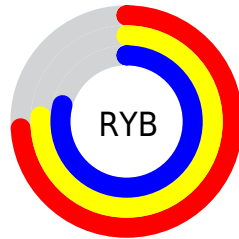
The Yxy color **54.0661, 0.3036, 0.3216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1109, 0.3221, 0.3363**, and the grayscale version is **53.8610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2533, 0.3066, 0.3261**, and **26.3906, 0.3016, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **47.3328, 0.2879, 0.3081**, and if you desaturate by 10%, it is **61.4616, 0.3187, 0.3337**.

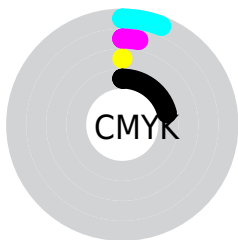
Distribution



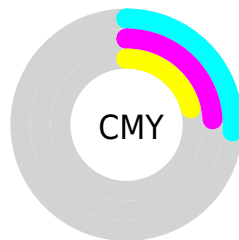
- Red (74%)
- Green (76%)
- Blue (79%)



- Red (74%)
- Yellow (76%)
- Blue (79%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (21%)



- Cyan (26%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0661, 0.3036, 0.3216 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 54.0661, 0.3036, 0.3216 by changing the saturation by 10% instead.

■ 54.0661, 0.3036,
0.3216

■ 54.0661, 0.3036,
0.3216

402.3620, 0.3080,
0.3252

■ 38.6545, 0.3025,
0.3207

■ 96.1713, 0.3052,
0.3229

■ 26.4911, 0.3012,
0.3196

123.6337, 0.3058,
0.3234

■ 17.1914, 0.2994,
0.3181

155.8818, 0.3063,
0.3238

■ 10.3710, 0.2970,
0.3161

193.3000, 0.3067,
0.3242

■ 5.6456, 0.2934,
0.3132

236.2728, 0.3071,
0.3245

■ 2.6308, 0.2879,
0.3086

285.1844, 0.3075,

■ 0.9422, 0.2780,

0.3248

0.3003

340.4194, 0.3078,
0.3250

0.0000, 0.0000,
0.0000

54.0661, 0.3036,
0.3216

54.0661, 0.3036,
0.3216

47.3328, 0.2879,
0.3081

61.4616, 0.3187,
0.3337

41.2344, 0.2717,
0.2931

69.5318, 0.3330,
0.3444

35.7515, 0.2554,
0.2768

78.2976, 0.3464,
0.3538

30.8612, 0.2394,
0.2591

84.9467, 0.3486,
0.3633

26.5387, 0.2241,
0.2405

90.8500, 0.3467,
0.3728

■ 22.7572, 0.2100,
0.2212

■ 96.9976, 0.3448,
0.3820

■ 19.4869, 0.1976,
0.2017

■ 16.6941, 0.1875,
0.1826

■ 14.3382, 0.1798,
0.1644

Harmonies

Analogous

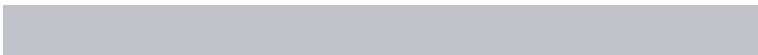
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.0661, 0.3028, 0.3250



54.0661, 0.3036, 0.3216



54.0661, 0.3068, 0.3202

Triad

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



54.0661, 0.3036, 0.3216



54.0661, 0.3208, 0.3285



54.0661, 0.3138, 0.3370

Complementary

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



54.0661, 0.3036, 0.3216



55.1109, 0.3221, 0.3363

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.



54.0661, 0.3186, 0.3379



54.0661, 0.3036, 0.3216



54.0661, 0.3227, 0.3330

Square

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



54.0661, 0.3036, 0.3216



54.0661, 0.3167, 0.3242



54.0661, 0.3219, 0.3364



54.0661, 0.3087, 0.3339

Rectangle

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



54.0661, 0.3036, 0.3216



54.0661, 0.3099, 0.3206



54.0661, 0.3219, 0.3364



54.0661, 0.3155, 0.3376

Sweetspot

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



54.0684, 0.3036, 0.3216



97.4342, 0.3097, 0.3266



56.5247, 0.3079, 0.3366



20.8819, 0.3098, 0.3267



0.0000, 0.0000, 0.0000



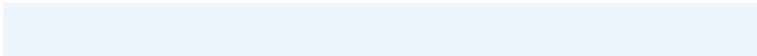
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0684, 0.3036, 0.3216



91.2240, 0.3019, 0.3202



51.5040, 0.3037, 0.3143



11.4307, 0.3013, 0.3197



8.6631, 0.1777, 0.1598



0.5551, 0.1883, 0.1977

Inverse Universe

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



52.7441, 0.3180, 0.3217



88.5754, 0.3190, 0.3203



57.7769, 0.3215, 0.3433



11.0800, 0.3194, 0.3198



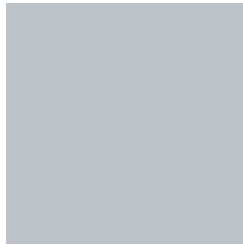
8.4145, 0.4933, 0.2491



0.4131, 0.4479, 0.2241

Previews

White Background



This preview shows how the Yxy color 54.0661, 0.3036, 0.3216 looks on a white background.

Color Contrast Check

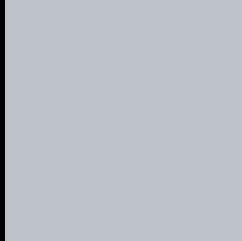
Large Text (above 18pt) WCAG AA × Fail

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 54.0661, 0.3036, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

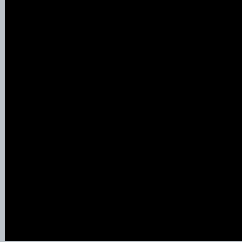
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

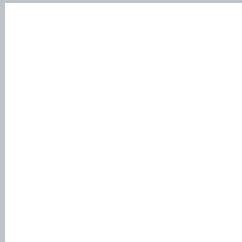
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0661, 0.3036, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 54.0661, 0.3036, 0.3216.

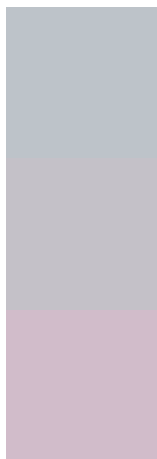


This preview shows how white text looks on a background with the Yxy color 54.0661, 0.3036, 0.3216.

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

54.0661, 0.3036, 0.3216

Protanopia

54.0458, 0.3099, 0.3205

Deuteranopia

53.7860, 0.3192, 0.3126



Tritanopia

54.1342, 0.2987, 0.3108

Trichromacy



Original Color

54.0661, 0.3036, 0.3216

Protanomaly

54.0912, 0.3075, 0.3217

Deuteranomaly

54.0824, 0.3133, 0.3159

Tritanomaly

53.9870, 0.3008, 0.3143

Monochromacy



Original Color

54.0661, 0.3036, 0.3216

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8213, 0.3089, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0661, 0.3036, 0.3216 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(189, 195, 201)` looks like.

```
.text, #text, p{  
    color:rgb(189, 195, 201)  
}
```

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(189, 195, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 195, 201) }
```

Border

The CSS property to change the border of an element to Yxy 54.0661, 0.3036, 0.3216 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(189, 195, 201) }
```

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

```
.border{ border-color:rgb(189, 195, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 195, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 195, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 195, 201);  
box-shadow:4px 4px 4px 4px rgb(189, 195,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0661, 0.3036, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 195, 201) }
```

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

```
.background{ background-color: rgb(189,  
195, 201) }
```

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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