

Converting Colors

Yxy(53.1112, 0.3256, 0.3465)

Have a look what the booklet for
Yxy(53.1112, 0.3256, 0.3465)
contains.

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Color

Yxy(53.1304, 0.3258, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	C4C1B3
RGB	196, 193, 179
RGB Percent	77%, 76%, 70%
CMY	0.2314, 0.2431, 0.2980
CMYK	0.00, 0.02, 0.09, 0.23
HSL	49°, 13%, 74%
HSV	49°, 9%, 77%
XYZ	49.9708, 53.1304, 50.2776
YIQ	192.3010, 6.2820, -3.7180

Conversions

Conversions Part 2

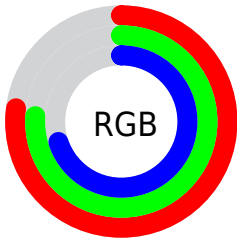
Format	Color
RYB	183, 196, 179
Decimal	12894643
CIELab	77.95, -1.42, 7.40
CIELCh	78, 7.535, 100.835
Yxy	53.1304, 0.3258, 0.3464
Android (android.graphics.Color)	4291084723 (0xFFC4C1B3)
YUV	192.3010, -6.5574, 3.2440
Hunter-Lab	72.8906, -5.1863, 10.1271

Details

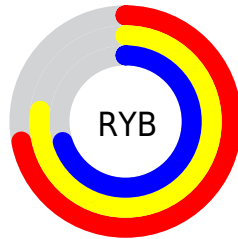
The Yxy color `53.1304, 0.3258, 0.3464` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `47.0269, 0.2995, 0.3110`, and the grayscale version is `52.9346, 0.3127, 0.3290`.

A 20% lighter version of the original color is `94.6322, 0.3236, 0.3427`, and `26.0133, 0.3293, 0.3525` is the 20% darker color. If you saturate the color by 10%, you get `50.8895, 0.3419, 0.3672`, and if you desaturate by 10%, it is `55.5241, 0.3108, 0.3264`.

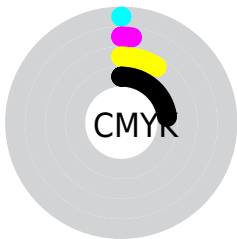
Distribution



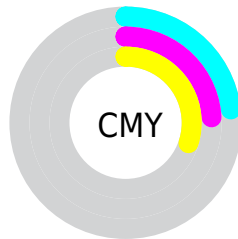
- Red (77%)
- Green (76%)
- Blue (70%)



- Red (72%)
- Yellow (77%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (23%)



- Cyan (23%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1304, 0.3258, 0.3464 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 53.1304, 0.3258, 0.3464 by changing the saturation by 10% instead.

■ 53.1304, 0.3258,
0.3464

■ 53.1304, 0.3258,
0.3464

■ 398.7852, 0.3194,
0.3379

■ 37.9069, 0.3274,
0.3485

■ 94.7962, 0.3235,
0.3433

■ 25.9104, 0.3293,
0.3511

■ 122.0073, 0.3226,
0.3422

■ 16.7566, 0.3319,
0.3546

■ 153.9830, 0.3219,
0.3412

■ 10.0611, 0.3354,
0.3594

■ 191.1078, 0.3213,
0.3403

■ 5.4395, 0.3405,
0.3664

■ 233.7660, 0.3207,
0.3396

■ 2.5074, 0.3485,
0.3775

■ 282.3421, 0.3202,

■ 0.8803, 0.3777,

0.3389

0.4145

337.2203, 0.3198,
0.3384

0.0000, 0.0000,
0.0000

53.1304, 0.3258,
0.3464

53.1304, 0.3258,
0.3464

50.8895, 0.3419,
0.3672

55.5241, 0.3108,
0.3264

48.7896, 0.3587,
0.3883

58.0684, 0.2969,
0.3074

46.8276, 0.3759,
0.4091

60.7700, 0.2842,
0.2898

44.9978, 0.3930,
0.4286

63.4768, 0.2741,
0.2759

43.2941, 0.4093,
0.4460

65.1621, 0.2744,
0.2798

■ 41.7094, 0.4240,
0.4602

■ 66.8840, 0.2748,
0.2837

■ 40.2361, 0.4365,
0.4703

■ 68.6428, 0.2751,
0.2876

■ 38.8651, 0.4463,
0.4759

■ 70.4387, 0.2754,
0.2914

■ 37.5816, 0.4534,
0.4774

■ 72.2719, 0.2757,
0.2953

Harmonies

Analogous

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



53.1304, 0.3316, 0.3425



53.1304, 0.3258, 0.3464



53.1304, 0.3166, 0.3455

Triad

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



53.1304, 0.3258, 0.3464



53.1304, 0.2936, 0.3224



53.1304, 0.3188, 0.3184

Complementary

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



53.1304, 0.3258, 0.3464



47.0269, 0.2995, 0.3110

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.



53.1304, 0.3086, 0.3131



53.1304, 0.3258, 0.3464



53.1304, 0.2942, 0.3153

Square

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



53.1304, 0.3258, 0.3464



53.1304, 0.2981, 0.3315



53.1304, 0.2996, 0.3120



53.1304, 0.3275, 0.3264

Rectangle

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



53.1304, 0.3258, 0.3464



53.1304, 0.3098, 0.3423



53.1304, 0.2996, 0.3120



53.1304, 0.3155, 0.3162

Sweetspot

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



53.1327, 0.3258, 0.3464



98.6621, 0.3172, 0.3350



47.3642, 0.3250, 0.3251



21.0421, 0.3184, 0.3367



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.



53.1327, 0.3258, 0.3464



95.6386, 0.3281, 0.3495



53.7573, 0.3210, 0.3503



11.4474, 0.3269, 0.3478



24.1553, 0.4538, 0.4779



1.1246, 0.4448, 0.4850

Inverse Universe

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



47.0269, 0.2995, 0.3110



82.7959, 0.2971, 0.3077



46.4709, 0.3039, 0.3074



10.0279, 0.2983, 0.3094



3.4027, 0.1548, 0.0772



0.2371, 0.1654, 0.1154

Previews

White Background



This preview shows how the Yxy color 53.1304, 0.3258, 0.3464 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 53.1304, 0.3258, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

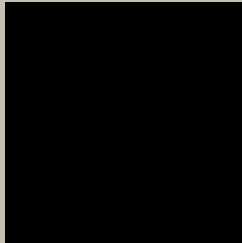
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

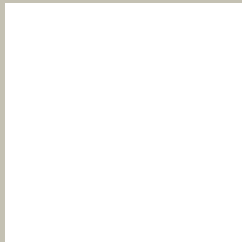
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1304, 0.3258, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 53.1304, 0.3258, 0.3464.



This preview shows how white text looks on a background with the Yxy color 53.1304, 0.3258, 0.3464.

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

53.1304, 0.3258, 0.3464

Protanopia

53.0557, 0.3292, 0.3463

Deuteranopia

53.0120, 0.3432, 0.3362



Tritanopia

53.0342, 0.3103, 0.3110

Trichromacy



Original Color

53.1304, 0.3258, 0.3464

Protanomaly

52.9194, 0.3284, 0.3464

Deuteranomaly

53.2458, 0.3366, 0.3399

Tritanomaly

52.9092, 0.3163, 0.3229

Monochromacy



Original Color

53.1304, 0.3258, 0.3464

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.6246, 0.3173, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1304, 0.3258, 0.3464 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(196, 193, 179)` looks like.

```
.text, #text, p{  
    color:rgb(196, 193, 179)  
}
```

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(196, 193, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 193, 179) }
```

Border

The CSS property to change the border of an element to Yxy 53.1304, 0.3258, 0.3464 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(196, 193, 179) }
```

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

```
.border{ border-color:rgb(196, 193, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 193, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 193, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 193, 179);  
box-shadow:4px 4px 4px 4px rgb(196, 193,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1304, 0.3258, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 193, 179) }
```

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

```
.background{ background-color: rgb(196,  
193, 179) }
```

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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