

Converting Colors

Yxy(53.9055, 0.3135, 0.3302)

Have a look what the booklet for
Yxy(53.9055, 0.3135, 0.3302)
contains.

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Color

Yxy(53.9032, 0.3135, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	C2C2C1
RGB	194, 194, 193
RGB Percent	76%, 76%, 76%
CMY	0.2390, 0.2393, 0.2431
CMYK	0.00, 0.00, 0.01, 0.24
HSL	56°, 1%, 76%
HSV	56°, 1%, 76%
XYZ	51.1770, 53.9032, 58.1639
YIQ	193.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

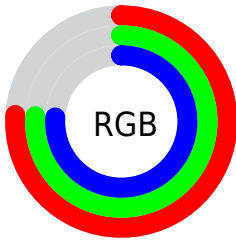
Format	Color
RYB	193, 194, 193
Decimal	12763841
CIELab	78.41, -0.15, 0.49
CIElCh	78, 0.511, 106.967
Yxy	53.9032, 0.3135, 0.3302
Android (android.graphics.Color)	4290953921 (0xFFC2C2C1)
YUV	193.8860, -0.4368, 0.1000
Hunter-Lab	73.4188, -4.0584, 4.4224

Details

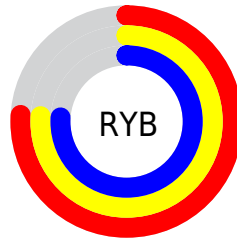
The Yxy color **53.9032, 0.3135, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4116, 0.3119, 0.3278**, and the grayscale version is **53.8862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5348, 0.3133, 0.3300**, and **26.2251, 0.3127, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **52.5186, 0.3284, 0.3530**, and if you desaturate by 10%, it is **55.4111, 0.2994, 0.3085**.

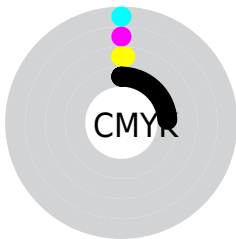
Distribution



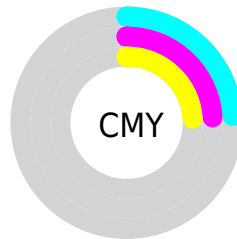
- Red (76%)
- Green (76%)
- Blue (76%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9032, 0.3135, 0.3302 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 53.9032, 0.3135, 0.3302 by changing the saturation by 10% instead.

■ 53.9032, 0.3135,
0.3302

■ 53.9032, 0.3135,
0.3302

401.7408, 0.3131,
0.3296

■ 38.5243, 0.3136,
0.3303

■ 95.9321, 0.3134,
0.3300

■ 26.3898, 0.3137,
0.3305

123.3509, 0.3133,
0.3299

■ 17.1155, 0.3139,
0.3307

155.5517, 0.3133,
0.3298

■ 10.3169, 0.3141,
0.3311

192.9190, 0.3132,
0.3298

■ 5.6096, 0.3144,
0.3315

235.8372, 0.3132,
0.3297

■ 2.6092, 0.3148,
0.3323

284.6906, 0.3132,

■ 0.9313, 0.3157,

0.3297

0.3336

339.8637, 0.3131,
0.3297

0.0000, 0.0000,
0.0000

53.9032, 0.3135,
0.3302

53.9032, 0.3135,
0.3302

52.5186, 0.3284,
0.3530

55.4111, 0.2994,
0.3085

51.2461, 0.3439,
0.3764

57.0396, 0.2863,
0.2882

50.0832, 0.3596,
0.3998

58.7949, 0.2743,
0.2693

49.0249, 0.3751,
0.4224

59.6327, 0.2722,
0.2670

48.0657, 0.3896,
0.4433

60.2350, 0.2723,
0.2685

■ 47.1998, 0.4027,
0.4615

■ 60.8423, 0.2724,
0.2700

■ 46.4205, 0.4137,
0.4762

■ 61.4549, 0.2725,
0.2715

■ 45.7203, 0.4222,
0.4867

■ 62.0726, 0.2727,
0.2730

■ 45.0901, 0.4281,
0.4929

■ 62.6954, 0.2728,
0.2745

Harmonies

Analogous

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



53.9032, 0.3139, 0.3300



53.9032, 0.3135, 0.3302



53.9032, 0.3129, 0.3301

Triad

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



53.9032, 0.3135, 0.3302



53.9032, 0.3114, 0.3285



53.9032, 0.3133, 0.3284

Complementary

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



53.9032, 0.3135, 0.3302



53.4116, 0.3119, 0.3278

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.



53.9032, 0.3126, 0.3280



53.9032, 0.3135, 0.3302



53.9032, 0.3115, 0.3280

Square

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



53.9032, 0.3135, 0.3302



53.9032, 0.3116, 0.3291



53.9032, 0.3120, 0.3278



53.9032, 0.3138, 0.3290

Rectangle

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



53.9032, 0.3135, 0.3302



53.9032, 0.3124, 0.3298



53.9032, 0.3120, 0.3278



53.9032, 0.3131, 0.3282

Sweetspot

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



53.9055, 0.3135, 0.3302



97.7402, 0.3127, 0.3290



53.4757, 0.3135, 0.3289



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.



53.9055, 0.3135, 0.3302



97.4743, 0.3142, 0.3313



53.8791, 0.3131, 0.3303



11.8981, 0.3141, 0.3311



29.3138, 0.4314, 0.4957



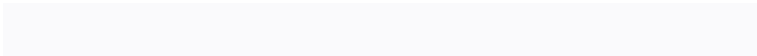
1.3020, 0.4284, 0.4980

Inverse Universe

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



53.4116, 0.3119, 0.3278



95.7972, 0.3112, 0.3267



53.4379, 0.3123, 0.3277



11.7093, 0.3114, 0.3269



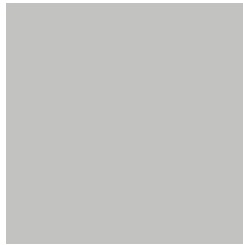
2.7951, 0.1514, 0.0649



0.1589, 0.1563, 0.0826

Previews

White Background



This preview shows how the Yxy color 53.9032, 0.3135, 0.3302 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 53.9032, 0.3135, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

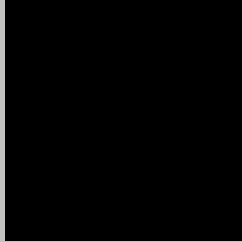
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

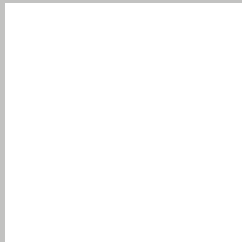
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9032, 0.3135, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 53.9032, 0.3135, 0.3302.



This preview shows how white text looks on a background with the Yxy color 53.9032, 0.3135, 0.3302.

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

53.9032, 0.3135, 0.3302

Protanopia

53.9515, 0.3175, 0.3302

Deuteranopia

53.8585, 0.3280, 0.3220



Tritanopia

53.9400, 0.3048, 0.3109

Trichromacy



Original Color

53.9032, 0.3135, 0.3302

Protanomaly

53.8160, 0.3167, 0.3302

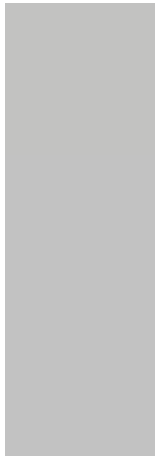
Deuteranomaly

53.7011, 0.3220, 0.3242

Tritanomaly

54.0063, 0.3077, 0.3181

Monochromacy



Original Color

53.9032, 0.3135, 0.3302

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9479, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9032, 0.3135, 0.3302 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, 194, 193)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 193)  
}
```

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, 194, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 194, 193) }
```

Border

The CSS property to change the border of an element to Yxy 53.9032, 0.3135, 0.3302 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, 194, 193) }
```

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

```
.border{ border-color:rgb(194, 194, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 194, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 194, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 194, 193);  
box-shadow:4px 4px 4px 4px rgb(194, 194,  
193) }
```

Background

The CSS property to change the background color of an element to Yxy 53.9032, 0.3135, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 194, 193) }
```

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

```
.background{ background-color: rgb(194,  
194, 193) }
```

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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