

Converting Colors

Yxy(56.5749, 0.3134, 0.3346)

Have a look what the booklet for
Yxy(56.5749, 0.3134, 0.3346)
contains.

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Color

Yxy(56.5227, 0.3133, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	C4C7C3
RGB	196, 199, 195
RGB Percent	77%, 78%, 76%
CMY	0.2314, 0.2196, 0.2354
CMYK	0.02, 0.00, 0.02, 0.22
HSL	105°, 3%, 77%
HSV	105°, 2%, 78%
XYZ	53.0355, 56.5227, 59.7221
YIQ	197.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

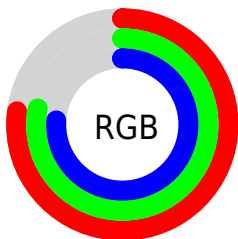
Format	Color
RYB	195, 199, 198
Decimal	12896195
CIELab	79.91, -1.77, 1.65
CIELCh	80, 2.419, 137.069
Yxy	56.5227, 0.3133, 0.3339
Android (android.graphics.Color)	4291086275 (0xFFC4C7C3)
YUV	197.6470, -1.3050, -1.4444
Hunter-Lab	75.1816, -5.6481, 5.5288

Details

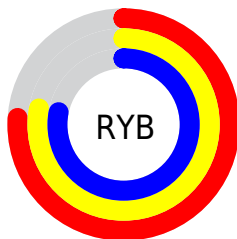
The Yxy color **56.5227, 0.3133, 0.3339** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1394, 0.3121, 0.3241**, and the grayscale version is **56.2550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4309, 0.3132, 0.3319**, and **27.9247, 0.3135, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **53.7978, 0.3161, 0.3597**, and if you desaturate by 10%, it is **59.5679, 0.3104, 0.3109**.

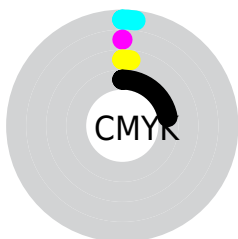
Distribution



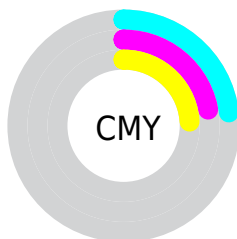
- Red (77%)
- Green (78%)
- Blue (76%)



- Red (76%)
- Yellow (78%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5227, 0.3133, 0.3339 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 56.5227, 0.3133, 0.3339 by changing the saturation by 10% instead.

■ 56.5227, 0.3133,
0.3339

■ 56.5227, 0.3133,
0.3339

411.6584, 0.3130,
0.3315

■ 40.6222, 0.3134,
0.3345

■ 99.7684, 0.3132,
0.3331

■ 28.0240, 0.3134,
0.3352

127.8824, 0.3132,
0.3327

■ 18.3437, 0.3136,
0.3361

160.8362, 0.3131,
0.3325

■ 11.1970, 0.3137,
0.3374

199.0145, 0.3131,
0.3322

■ 6.1995, 0.3139,
0.3393

242.8014, 0.3131,
0.3320

■ 2.9668, 0.3142,
0.3422

292.5814, 0.3131,

■ 1.1144, 0.3147,

0.3318

0.3474

348.7389, 0.3130,
0.3317

0.0000, 0.0000,
0.0000

56.5227, 0.3133,
0.3339

56.5227, 0.3133,
0.3339

53.7978, 0.3161,
0.3597

59.5679, 0.3104,
0.3109

51.3756, 0.3187,
0.3883

62.9360, 0.3076,
0.2905

49.2476, 0.3209,
0.4192

66.6389, 0.3048,
0.2727

47.4022, 0.3224,
0.4518

69.3305, 0.3153,
0.2742

45.8271, 0.3231,
0.4847

■ 44.5088, 0.3226,
0.5163

■ 43.4330, 0.3209,
0.5446

■ 42.5832, 0.3179,
0.5674

■ 41.9412, 0.3138,
0.5834

Harmonies

Analogous

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



56.5227, 0.3163, 0.3345



56.5227, 0.3133, 0.3339



56.5227, 0.3101, 0.3320

Triad

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



56.5227, 0.3133, 0.3339



56.5227, 0.3071, 0.3244



56.5227, 0.3178, 0.3288

Complementary

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



56.5227, 0.3133, 0.3339



55.1394, 0.3121, 0.3241

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.



56.5227, 0.3153, 0.3261



56.5227, 0.3133, 0.3339



56.5227, 0.3091, 0.3236

Square

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



56.5227, 0.3133, 0.3339



56.5227, 0.3066, 0.3264



56.5227, 0.3121, 0.3242



56.5227, 0.3189, 0.3316

Rectangle

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



56.5227, 0.3133, 0.3339



56.5227, 0.3084, 0.3302



56.5227, 0.3121, 0.3242



56.5227, 0.3171, 0.3279

Sweetspot

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



56.5251, 0.3133, 0.3339



99.4792, 0.3130, 0.3314



56.4376, 0.3157, 0.3326



21.2981, 0.3130, 0.3313



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.



56.5251, 0.3133, 0.3339



98.9641, 0.3133, 0.3339



56.4291, 0.3118, 0.3328



12.4760, 0.3133, 0.3335



26.7561, 0.3112, 0.5911



1.3028, 0.3271, 0.5785

Inverse Universe

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



55.1394, 0.3121, 0.3241



96.5414, 0.3121, 0.3241



55.2373, 0.3136, 0.3253



12.1935, 0.3122, 0.3245



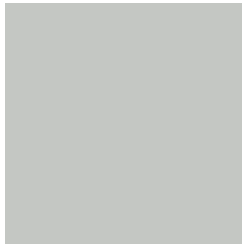
6.7365, 0.2573, 0.1191



0.3522, 0.2711, 0.1267

Previews

White Background



This preview shows how the Yxy color 56.5227, 0.3133, 0.3339 looks on a white background.

Color Contrast Check

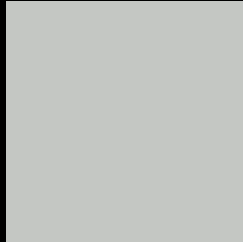
Large Text (above 18pt) WCAG AA × Fail

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 56.5227, 0.3133, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

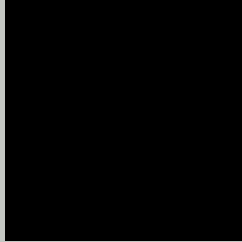
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

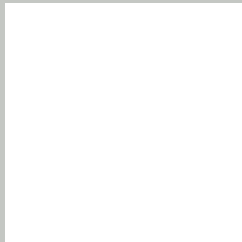
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5227, 0.3133, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 56.5227, 0.3133, 0.3339.



This preview shows how white text looks on a background with the Yxy color 56.5227, 0.3133, 0.3339.

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

56.5227, 0.3133, 0.3339

Protanopia

56.3841, 0.3189, 0.3326

Deuteranopia

56.5902, 0.3310, 0.3244



Tritanopia

56.3754, 0.3035, 0.3101

Trichromacy



Original Color

56.5227, 0.3133, 0.3339

Protanomaly

56.5626, 0.3172, 0.3338

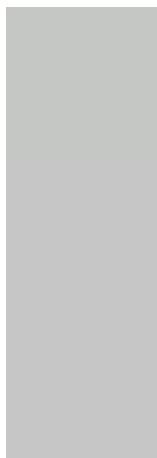
Deuteranomaly

56.7174, 0.3240, 0.3279

Tritanomaly

56.3945, 0.3070, 0.3183

Monochromacy



Original Color

56.5227, 0.3133, 0.3339

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2897, 0.3127, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5227, 0.3133, 0.3339 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, 199, 195)` looks like.

```
.text, #text, p{  
    color:rgb(196, 199, 195)  
}
```

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, 199, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 199, 195) }
```

Border

The CSS property to change the border of an element to Yxy 56.5227, 0.3133, 0.3339 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, 199, 195) }
```

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

```
.border{ border-color:rgb(196, 199, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 199, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 199, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 199, 195); box-shadow:4px 4px 4px 4px rgb(196, 199, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5227, 0.3133, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 199, 195) }
```

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

```
.background{ background-color: rgb(196,  
199, 195) }
```

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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