

Converting Colors

Yxy(56.4189, 0.3149, 0.3391)

Have a look what the booklet for
Yxy(56.4189, 0.3149, 0.3391)
contains.

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Color

Yxy(56.6722, 0.3153, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	C3C8BF
RGB	195, 200, 191
RGB Percent	76%, 78%, 75%
CMY	0.2355, 0.2156, 0.2510
CMYK	0.03, 0.00, 0.05, 0.22
HSL	94°, 8%, 77%
HSV	94°, 5%, 78%
XYZ	52.5551, 56.6722, 57.4556
YIQ	197.4790, -0.0910, -3.8590

Conversions

Conversions Part 2

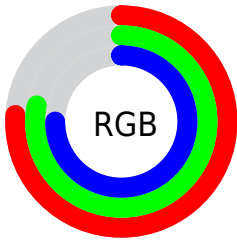
Format	Color
RYB	191, 200, 196
Decimal	12830911
CIELab	79.99, -3.38, 3.89
CIElCh	80, 5.156, 130.996
Yxy	56.6722, 0.3153, 0.3400
Android (android.graphics.Color)	4291020991 (0xFFC3C8BF)
YUV	197.4790, -3.1941, -2.1741
Hunter-Lab	75.2809, -7.1272, 7.4456

Details

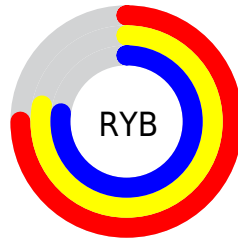
The Yxy color **56.6722, 0.3153, 0.3400** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1737, 0.3100, 0.3180**, and the grayscale version is **56.1568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9308, 0.3155, 0.3367**, and **28.0555, 0.3152, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **54.4152, 0.3210, 0.3661**, and if you desaturate by 10%, it is **59.1665, 0.3096, 0.3163**.

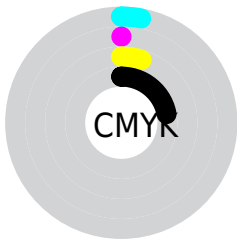
Distribution



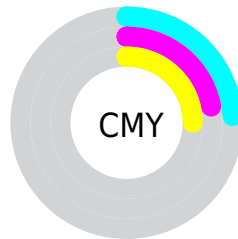
- Red (76%)
- Green (78%)
- Blue (75%)



- Red (75%)
- Yellow (78%)
- Blue (77%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6722, 0.3153, 0.3400 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 56.6722, 0.3153, 0.3400 by changing the saturation by 10% instead.

■ 56.6722, 0.3153,
0.3400

■ 56.6722, 0.3153,
0.3400

412.2199, 0.3141,
0.3347

■ 40.7421, 0.3156,
0.3413

■ 99.9867, 0.3149,
0.3381

■ 28.1176, 0.3160,
0.3429

128.1400, 0.3147,
0.3374

■ 18.4144, 0.3164,
0.3451

161.1364, 0.3146,
0.3367

■ 11.2479, 0.3171,
0.3480

199.3604, 0.3144,
0.3362

■ 6.2338, 0.3180,
0.3522

243.1963, 0.3143,
0.3357

■ 2.9878, 0.3193,
0.3589

293.0286, 0.3142,

■ 1.1254, 0.3216,

0.3353

0.3709

349.2417, 0.3141,
0.3350

0.0000, 0.0000,
0.0000

56.6722, 0.3153,
0.3400

56.6722, 0.3153,
0.3400

54.4152, 0.3210,
0.3661

59.1665, 0.3096,
0.3163

52.3810, 0.3265,
0.3943

61.8979, 0.3040,
0.2949

50.5644, 0.3314,
0.4241

64.8753, 0.2987,
0.2758

48.9570, 0.3355,
0.4547

67.0312, 0.3041,
0.2733

47.5501, 0.3383,
0.4850

69.0534, 0.3123,
0.2747

■ 46.3343, 0.3395,
0.5133

■ 69.7967, 0.3152,
0.2752

■ 45.2991, 0.3387,
0.5381

■ 44.4326, 0.3359,
0.5578

■ 43.7211, 0.3313,
0.5717

Harmonies

Analogous

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



56.6722, 0.3215, 0.3406



56.6722, 0.3153, 0.3400



56.6722, 0.3085, 0.3363

Triad

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



56.6722, 0.3153, 0.3400



56.6722, 0.3003, 0.3198



56.6722, 0.3226, 0.3273

Complementary

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



56.6722, 0.3153, 0.3400



53.1737, 0.3100, 0.3180

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.



56.6722, 0.3169, 0.3219



56.6722, 0.3153, 0.3400



56.6722, 0.3040, 0.3176

Square

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



56.6722, 0.3153, 0.3400



56.6722, 0.2999, 0.3246



56.6722, 0.3100, 0.3183



56.6722, 0.3257, 0.3332

Rectangle

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



56.6722, 0.3153, 0.3400



56.6722, 0.3045, 0.3327



56.6722, 0.3100, 0.3183



56.6722, 0.3209, 0.3254

Sweetspot

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



56.6746, 0.3153, 0.3400



99.5666, 0.3133, 0.3314



55.5039, 0.3197, 0.3350



21.3159, 0.3133, 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.



56.6746, 0.3153, 0.3400



97.8749, 0.3156, 0.3414



56.1738, 0.3119, 0.3395



12.3005, 0.3159, 0.3428



27.6310, 0.3294, 0.5767



1.3510, 0.3461, 0.5634

Inverse Universe

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



53.1737, 0.3100, 0.3180



91.0865, 0.3097, 0.3166



53.6913, 0.3136, 0.3187



11.3553, 0.3093, 0.3153



4.9021, 0.2155, 0.0961



0.2745, 0.2370, 0.1079

Previews

White Background



This preview shows how the Yxy color 56.6722, 0.3153, 0.3400 looks on a white background.

Color Contrast Check

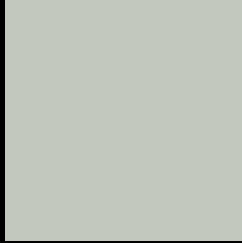
Large Text (above 18pt) WCAG AA × Fail

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 56.6722, 0.3153, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

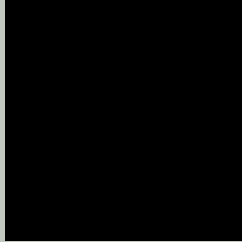
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

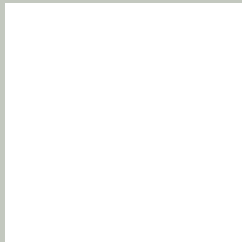
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6722, 0.3153, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 56.6722, 0.3153, 0.3400.



This preview shows how white text looks on a background with the Yxy color 56.6722, 0.3153, 0.3400.

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

56.6722, 0.3153, 0.3400

Protanopia

56.4876, 0.3235, 0.3374

Deuteranopia

56.6096, 0.3342, 0.3279



Tritanopia

56.6917, 0.3027, 0.3112

Trichromacy



Original Color

56.6722, 0.3153, 0.3400

Protanomaly

56.5234, 0.3210, 0.3387

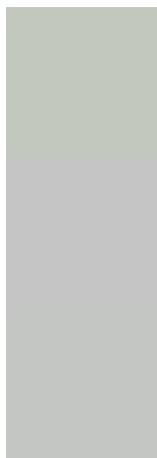
Deuteranomaly

56.5376, 0.3271, 0.3326

Tritanomaly

56.6181, 0.3076, 0.3218

Monochromacy



Original Color

56.6722, 0.3153, 0.3400

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.0641, 0.3133, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6722, 0.3153, 0.3400 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(195, 200, 191)` looks like.

```
.text, #text, p{  
    color:rgb(195, 200, 191)  
}
```

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(195, 200, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 200, 191) }
```

Border

The CSS property to change the border of an element to Yxy 56.6722, 0.3153, 0.3400 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(195, 200, 191) }
```

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

```
.border{ border-color:rgb(195, 200, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 200, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 200, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 200, 191); box-shadow:4px 4px 4px 4px rgb(195, 200, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6722, 0.3153, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 200, 191) }
```

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

```
.background{ background-color: rgb(195,  
200, 191) }
```

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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