

Converting Colors

Yxy(55.1782, 0.3323, 0.3392)

Have a look what the booklet for
Yxy(55.1782, 0.3323, 0.3392)
contains.

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Color

Yxy(55.1980, 0.3320, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	D1C1B9
RGB	209, 193, 185
RGB Percent	82%, 76%, 73%
CMY	0.1804, 0.2431, 0.2745
CMYK	0.00, 0.08, 0.11, 0.18
HSL	20°, 21%, 77%
HSV	20°, 11%, 82%
XYZ	54.1221, 55.1980, 53.6982
YIQ	196.8720, 12.1040, 0.9040

Conversions

Conversions Part 2

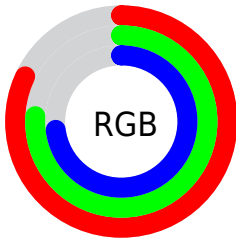
Format	Color
R _Y B	209, 197, 185
Decimal	13746617
CIE Lab	79.16, 4.28, 6.05
CIE LCh	79, 7.405, 54.732
Yxy	55.1980, 0.3320, 0.3386
Android (android.graphics.Color)	4291936697 (0xFFD1C1B9)
YUV	196.8720, -5.8529, 10.6363
Hunter-Lab	74.2954, 0.0154, 9.1539

Details

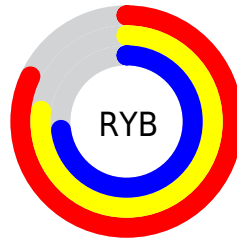
The Yxy color **55.1980, 0.3320, 0.3386** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6905, 0.2951, 0.3192**, and the grayscale version is **55.7856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3622, 0.3213, 0.3367**, and **27.2921, 0.3365, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **48.5096, 0.3520, 0.3475**, and if you desaturate by 10%, it is **62.6012, 0.3150, 0.3302**.

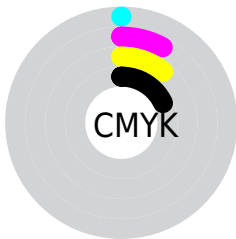
Distribution



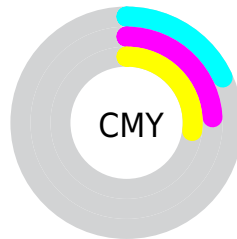
- Red (82%)
- Green (76%)
- Blue (73%)



- Red (82%)
- Yellow (77%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (18%)





- Cyan (18%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1980, 0.3320, 0.3386 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 55.1980, 0.3320, 0.3386 by changing the saturation by 10% instead.


 55.1980, 0.3320,
0.3386

 55.1980, 0.3320,
0.3386

406.6620, 0.3226,
0.3340

 39.5603, 0.3343,
0.3397

 97.8310, 0.3286,
0.3370

 27.1959, 0.3372,
0.3411


125.5951, 0.3274,
0.3363

 17.7204, 0.3410,
0.3428


158.1700, 0.3263,
0.3358

 10.7494, 0.3461,
0.3452

195.9402, 0.3253,
0.3354

 5.8986, 0.3536,
0.3486

239.2902, 0.3245,
0.3350

 2.7835, 0.3654,
0.3537

288.6042, 0.3238,

 1.0198, 0.3903,

0.3346

0.3656

344.2667, 0.3232,
0.3343

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.1980, 0.3320,
0.3386

55.1980, 0.3320,
0.3386

48.5096, 0.3520,
0.3475

62.6012, 0.3150,
0.3302

42.5072, 0.3755,
0.3567

70.7325, 0.3006,
0.3224

37.1704, 0.4027,
0.3658

79.6141, 0.2884,
0.3152

32.4752, 0.4336,
0.3740

88.3578, 0.2851,
0.3224

■ 28.3961, 0.4676,
0.3806

■ 92.2962, 0.2855,
0.3289

■ 24.9056, 0.5031,
0.3842

■ 21.9738, 0.5376,
0.3836

■ 19.5677, 0.5679,
0.3781

■ 17.8993, 0.5891,
0.3704

Harmonies

Analogous

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



55.1980, 0.3298, 0.3304



55.1980, 0.3320, 0.3386



55.1980, 0.3290, 0.3444

Triad

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



55.1980, 0.3320, 0.3386



55.1980, 0.3025, 0.3361



55.1980, 0.3038, 0.3125

Complementary

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



55.1980, 0.3320, 0.3386



56.6905, 0.2951, 0.3192

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.



55.1980, 0.2967, 0.3137



55.1980, 0.3320, 0.3386



55.1980, 0.2960, 0.3272

Square

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



55.1980, 0.3320, 0.3386



55.1980, 0.3119, 0.3431



55.1980, 0.2938, 0.3190



55.1980, 0.3134, 0.3155

Rectangle

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



55.1980, 0.3320, 0.3386



55.1980, 0.3244, 0.3460



55.1980, 0.2938, 0.3190



55.1980, 0.3010, 0.3124

Sweetspot

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



55.2004, 0.3320, 0.3386



96.3069, 0.3175, 0.3315



52.4700, 0.3203, 0.3101



20.4062, 0.3188, 0.3321



0.0000, 0.0000, 0.0000



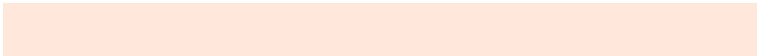
21.4041, 0.3127, 0.3290

Same Dimension

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



55.2004, 0.3320, 0.3386



83.6574, 0.3370, 0.3409



60.7236, 0.3303, 0.3526



12.4432, 0.3282, 0.3368



11.1985, 0.5865, 0.3725



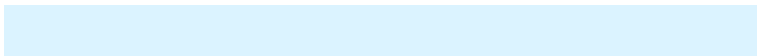
0.7709, 0.5506, 0.4011

Inverse Universe

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



56.6905, 0.2951, 0.3192



86.4843, 0.2909, 0.3168



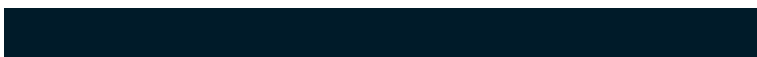
51.3122, 0.2948, 0.3043



12.7151, 0.2983, 0.3211



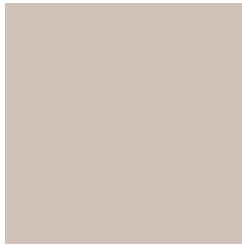
14.4649, 0.1936, 0.2169



0.9515, 0.2000, 0.2399

Previews

White Background



This preview shows how the Yxy color 55.1980, 0.3320, 0.3386 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 55.1980, 0.3320, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

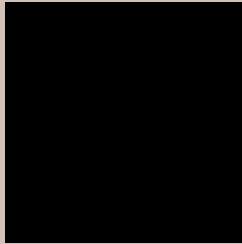
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1980, 0.3320, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 55.1980, 0.3320, 0.3386.



This preview shows how white text looks on a background with the Yxy color 55.1980, 0.3320, 0.3386.

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

55.1980, 0.3320, 0.3386

Protanopia

55.1319, 0.3252, 0.3399

Deuteranopia

55.0004, 0.3403, 0.3326



Tritanopia

55.2317, 0.3192, 0.3116

Trichromacy



Original Color

55.1980, 0.3320, 0.3386

Protanomaly

55.1079, 0.3278, 0.3387

Deuteranomaly

54.8192, 0.3367, 0.3338

Tritanomaly

55.1877, 0.3237, 0.3208

Monochromacy



Original Color

55.1980, 0.3320, 0.3386

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.7476, 0.3189, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1980, 0.3320, 0.3386 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(209, 193, 185)` looks like.

```
.text, #text, p{  
    color:rgb(209, 193, 185)  
}
```

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(209, 193, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 193, 185) }
```

Border

The CSS property to change the border of an element to Yxy 55.1980, 0.3320, 0.3386 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(209, 193, 185) }
```

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

```
.border{ border-color:rgb(209, 193, 185) }
```

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

Here you see how a box with a 4 pixel rgb(209, 193, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 193, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 193, 185);  
box-shadow:4px 4px 4px 4px rgb(209, 193,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1980, 0.3320, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 193, 185) }
```

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

```
.background{ background-color: rgb(209,  
193, 185) }
```

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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