

Converting Colors

Yxy(58.6171, 0.3267, 0.3328)

Have a look what the booklet for
Yxy(58.6171, 0.3267, 0.3328)
contains.

Yxy(58.4744, 0.3269, 0.3325)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.4744, 0.3269, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	D5C6C3
RGB	213, 198, 195
RGB Percent	84%, 78%, 76%
CMY	0.1647, 0.2235, 0.2352
CMYK	0.00, 0.07, 0.08, 0.16
HSL	10°, 18%, 80%
HSV	10°, 8%, 84%
XYZ	57.4896, 58.4744, 59.8989
YIQ	202.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

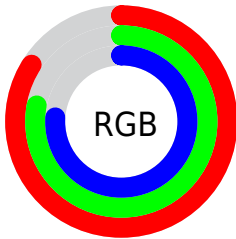
Format	Color
R _Y B	213, 199, 195
Decimal	14010051
CIE Lab	81.00, 4.74, 3.37
CIE LCh	81, 5.814, 35.402
Yxy	58.4744, 0.3269, 0.3325
Android (android.graphics.Color)	4292200131 (0xFFD5C6C3)
YUV	202.1430, -3.5215, 9.5216
Hunter-Lab	76.4686, 0.3775, 7.0853

Details

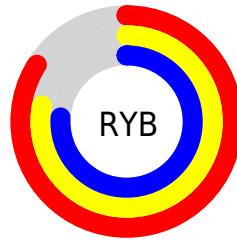
The Yxy color **58.4744, 0.3269, 0.3325** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.5214, 0.2997, 0.3255**, and the grayscale version is **59.1774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **29.1387, 0.3307, 0.3337** is the 20% darker color. If you saturate the color by 10%, you get **49.9254, 0.3470, 0.3369**, and if you desaturate by 10%, it is **68.1199, 0.3104, 0.3284**.

Distribution



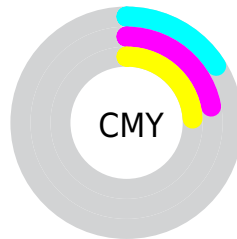
- Red (84%)
- Green (78%)
- Blue (76%)



- Red (84%)
- Yellow (78%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4744, 0.3269, 0.3325 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 58.4744, 0.3269, 0.3325 by changing the saturation by 10% instead.

■ 58.4744, 0.3269,
0.3325

■ 58.4744, 0.3269,
0.3325

418.9513, 0.3201,
0.3309

■ 42.1902, 0.3285,
0.3329

102.6134, 0.3245,
0.3319

■ 29.2502, 0.3306,
0.3334

131.2369, 0.3235,
0.3317

■ 19.2702, 0.3333,
0.3340

164.7423, 0.3227,
0.3315

■ 11.8657, 0.3369,
0.3348

203.5140, 0.3221,
0.3314

■ 6.6523, 0.3422,
0.3359

247.9363, 0.3215,
0.3312

■ 3.2456, 0.3502,
0.3375

298.3937, 0.3209,

■ 1.2613, 0.3643,

0.3311

0.3401

355.2706, 0.3205,
0.3310

0.1109, 0.6660,
0.3340

0.0000, 0.0000,
0.0000

58.4744, 0.3269,
0.3325

58.4744, 0.3269,
0.3325

49.9254, 0.3470,
0.3369

68.1199, 0.3104,
0.3284

42.4264, 0.3715,
0.3416

78.8909, 0.2967,
0.3246

35.9393, 0.4009,
0.3462

90.5693, 0.2876,
0.3252

30.4203, 0.4357,
0.3504

92.8882, 0.2877,
0.3289

■ 25.8226, 0.4753,
0.3536

■ 22.0956, 0.5179,
0.3550

■ 19.1835, 0.5599,
0.3538

■ 17.0238, 0.5959,
0.3496

■ 15.5419, 0.6214,
0.3430

Harmonies

Analogous

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



58.4744, 0.3228, 0.3259



58.4744, 0.3269, 0.3325



58.4744, 0.3272, 0.3383

Triad

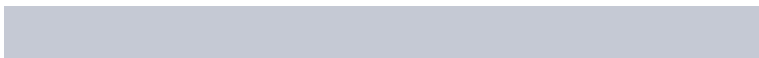
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.4744, 0.3269, 0.3325



58.4744, 0.3094, 0.3382



58.4744, 0.3020, 0.3165

Complementary

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



58.4744, 0.3269, 0.3325



62.5214, 0.2997, 0.3255

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.



58.4744, 0.2985, 0.3195



58.4744, 0.3269, 0.3325



58.4744, 0.3027, 0.3321

Square

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



58.4744, 0.3269, 0.3325



58.4744, 0.3170, 0.3417



58.4744, 0.2988, 0.3253



58.4744, 0.3083, 0.3167

Rectangle

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



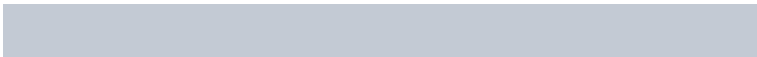
58.4744, 0.3269, 0.3325



58.4744, 0.3251, 0.3409



58.4744, 0.2988, 0.3253



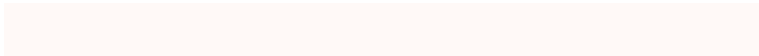
58.4744, 0.3004, 0.3171

Sweetspot

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



58.4770, 0.3269, 0.3325



95.5110, 0.3175, 0.3302



57.8573, 0.3157, 0.3115



20.1921, 0.3189, 0.3306



0.0000, 0.0000, 0.0000



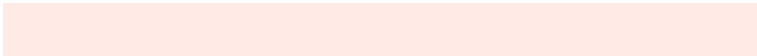
21.4041, 0.3127, 0.3290

Same Dimension

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



58.4770, 0.3269, 0.3325



85.6307, 0.3300, 0.3332



62.5778, 0.3259, 0.3425



12.7494, 0.3287, 0.3329



9.4842, 0.6228, 0.3437



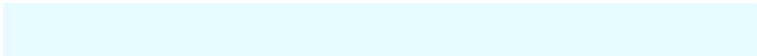
0.6769, 0.5921, 0.3681

Inverse Universe

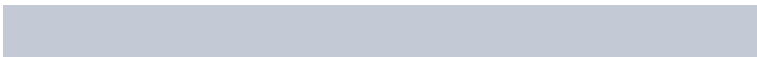
The Inverse Universe completely reimagines the original color for something new.



62.5214, 0.2997, 0.3255



92.8182, 0.2972, 0.3247



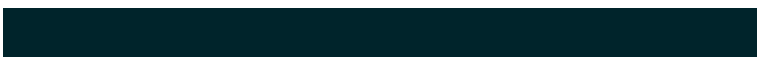
58.3322, 0.2997, 0.3151



13.7418, 0.2983, 0.3250



22.4550, 0.2099, 0.2757



1.4496, 0.2128, 0.2859

Previews

White Background



This preview shows how the Yxy color 58.4744, 0.3269, 0.3325 looks on a white background.

Color Contrast Check

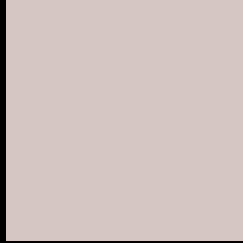
Large Text (above 18pt) WCAG AA × Fail

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 58.4744, 0.3269, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

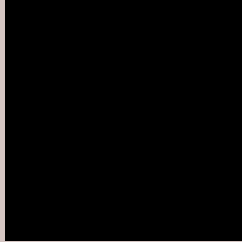
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

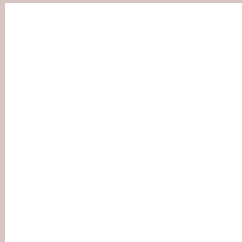
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4744, 0.3269, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 58.4744, 0.3269, 0.3325.



This preview shows how white text looks on a background with the Yxy color 58.4744, 0.3269, 0.3325.

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

58.4744, 0.3269, 0.3325

Protanopia

58.4159, 0.3204, 0.3337

Deuteranopia

58.7037, 0.3347, 0.3279



Tritanopia

58.6301, 0.3167, 0.3119

Trichromacy



Original Color

58.4744, 0.3269, 0.3325

Protanomaly

58.3877, 0.3228, 0.3325

Deuteranomaly

58.5254, 0.3313, 0.3291

Tritanomaly

58.6364, 0.3203, 0.3198

Monochromacy



Original Color

58.4744, 0.3269, 0.3325

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.0186, 0.3181, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4744, 0.3269, 0.3325 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(213, 198, 195)` looks like.

```
.text, #text, p{  
    color:rgb(213, 198, 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(213, 198, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 198, 195) }
```

Border

The CSS property to change the border of an element to Yxy 58.4744, 0.3269, 0.3325 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(213, 198, 195) }
```

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

```
.border{ border-color:rgb(213, 198, 195) }
```

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

Here you see how a box with a 4 pixel rgb(213, 198, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 198, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 198, 195);  
box-shadow:4px 4px 4px 4px rgb(213, 198,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4744, 0.3269, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 198, 195) }
```

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

```
.background{ background-color: rgb(213,  
198, 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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