

Converting Colors

Yxy(64.7881, 0.3266, 0.3367)

Have a look what the booklet for
Yxy(64.7881, 0.3266, 0.3367)
contains.

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Color

Yxy(64.5917, 0.3261, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	DCD0CA
RGB	220, 208, 202
RGB Percent	86%, 82%, 79%
CMY	0.1373, 0.1843, 0.2079
CMYK	0.00, 0.05, 0.08, 0.14
HSL	20°, 20%, 83%
HSV	20°, 8%, 86%
XYZ	62.7259, 64.5917, 65.0341
YIQ	210.9040, 9.0780, 0.6780

Conversions

Conversions Part 2

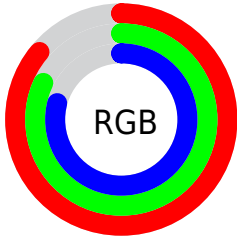
Format	Color
R _Y B	220, 211, 202
Decimal	14471370
CIE Lab	84.27, 3.11, 4.45
CIE LCh	84, 5.429, 55.095
Yxy	64.5917, 0.3261, 0.3358
Android (android.graphics.Color)	4292661450 (0xFFDCD0CA)
YUV	210.9040, -4.3897, 7.9772
Hunter-Lab	80.3690, -1.3311, 8.2811

Details

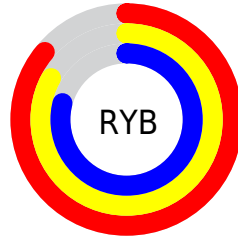
The Yxy color **64.5917, 0.3261, 0.3358** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7942, 0.3001, 0.3221**, and the grayscale version is **65.0994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.2487, 0.3295, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **56.8148, 0.3451, 0.3446**, and if you desaturate by 10%, it is **73.1813, 0.3100, 0.3275**.

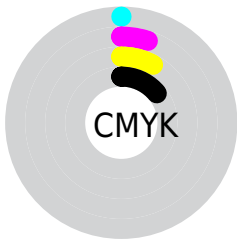
Distribution



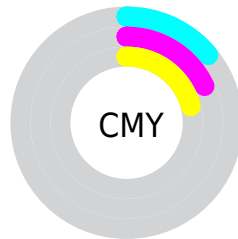
- Red (86%)
- Green (82%)
- Blue (79%)



- Red (86%)
- Yellow (83%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (14%)



- Cyan (14%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5917, 0.3261, 0.3358 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 64.5917, 0.3261, 0.3358 by changing the saturation by 10% instead.

■ 64.5917, 0.3261,
0.3358

■ 64.5917, 0.3261,
0.3358

441.3233, 0.3198,
0.3326

■ 47.1301, 0.3276,
0.3365

111.4626, 0.3239,
0.3347

■ 33.1385, 0.3295,
0.3375

141.6408, 0.3230,
0.3343

■ 22.2326, 0.3319,
0.3386

176.8265, 0.3223,
0.3339

■ 14.0279, 0.3351,
0.3402

217.4042, 0.3216,
0.3336

■ 8.1401, 0.3395,
0.3423

263.7584, 0.3211,
0.3333

■ 4.1847, 0.3463,
0.3454

316.2734, 0.3206,

■ 1.7774, 0.3575,

0.3330

375.3335, 0.3201,
0.3328

0.3505

0.4730, 0.4371,
0.3935

0.0000, 0.0000,
0.0000

64.5917, 0.3261,
0.3358

64.5917, 0.3261,
0.3358

56.8148, 0.3451,
0.3446

73.1813, 0.3100,
0.3275

49.8182, 0.3675,
0.3538

82.5982, 0.2963,
0.3199

43.5795, 0.3936,
0.3630

92.0020, 0.2916,
0.3258

38.0721, 0.4234,
0.3717

93.9522, 0.2917,
0.3289

■ 33.2678, 0.4566,
0.3790

■ 29.1363, 0.4919,
0.3837

■ 25.6449, 0.5271,
0.3845

■ 22.7575, 0.5591,
0.3806

■ 20.4310, 0.5850,
0.3719

Harmonies

Analogous

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



64.5917, 0.3246, 0.3301



64.5917, 0.3261, 0.3358



64.5917, 0.3240, 0.3398

Triad

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



64.5917, 0.3261, 0.3358



64.5917, 0.3056, 0.3339



64.5917, 0.3066, 0.3174

Complementary

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



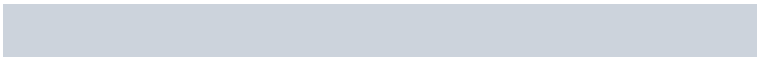
64.5917, 0.3261, 0.3358



65.7942, 0.3001, 0.3221

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.



64.5917, 0.3016, 0.3183



64.5917, 0.3261, 0.3358



64.5917, 0.3010, 0.3277

Square

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



64.5917, 0.3261, 0.3358



64.5917, 0.3121, 0.3387



64.5917, 0.2995, 0.3220



64.5917, 0.3133, 0.3196

Rectangle

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



64.5917, 0.3261, 0.3358



64.5917, 0.3208, 0.3408



64.5917, 0.2995, 0.3220



64.5917, 0.3046, 0.3174

Sweetspot

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



64.5945, 0.3261, 0.3358



97.5301, 0.3158, 0.3306



62.3048, 0.3180, 0.3156



20.9014, 0.3157, 0.3306



0.0000, 0.0000, 0.0000



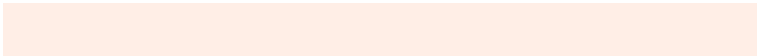
21.4041, 0.3127, 0.3290

Same Dimension

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



64.5945, 0.3261, 0.3358



88.1145, 0.3295, 0.3374



69.0919, 0.3251, 0.3457



13.7601, 0.3283, 0.3369



11.9598, 0.5866, 0.3724



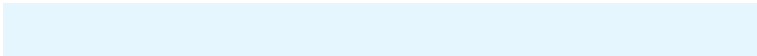
0.9305, 0.5548, 0.3977

Inverse Universe

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



65.7942, 0.3001, 0.3221



90.1552, 0.2972, 0.3204



61.3805, 0.3001, 0.3117



14.0571, 0.2982, 0.3210



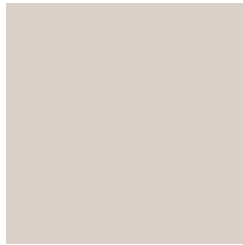
15.3770, 0.1934, 0.2162



1.1524, 0.1991, 0.2368

Previews

White Background



This preview shows how the Yxy color 64.5917, 0.3261, 0.3358 looks on a white background.

Color Contrast Check

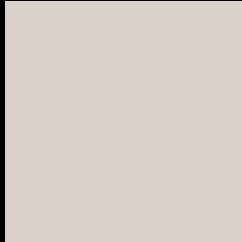
Large Text (above 18pt) WCAG AA × Fail

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 64.5917, 0.3261, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

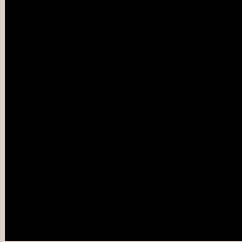
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.5917, 0.3261, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 64.5917, 0.3261, 0.3358.

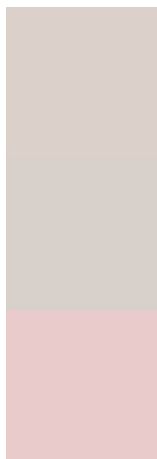


This preview shows how white text looks on a background with the Yxy color 64.5917, 0.3261, 0.3358.

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

64.5917, 0.3261, 0.3358

Protanopia

64.5117, 0.3222, 0.3358

Deuteranopia

64.3473, 0.3362, 0.3291



Tritanopia

64.5711, 0.3151, 0.3115

Trichromacy



Original Color

64.5917, 0.3261, 0.3358

Protanomaly

64.6644, 0.3230, 0.3358

Deuteranomaly

64.4684, 0.3320, 0.3313

Tritanomaly

64.5272, 0.3192, 0.3202

Monochromacy



Original Color

64.5917, 0.3261, 0.3358

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.9434, 0.3171, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5917, 0.3261, 0.3358 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(220, 208, 202)` looks like.

```
.text, #text, p{  
    color:rgb(220, 208, 202)  
}
```

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(220, 208, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 208, 202) }
```

Border

The CSS property to change the border of an element to Yxy 64.5917, 0.3261, 0.3358 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(220, 208, 202) }
```

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

```
.border{ border-color:rgb(220, 208, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 208, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 208, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 208, 202); box-shadow:4px 4px 4px 4px rgb(220, 208, 202) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5917, 0.3261, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 208, 202) }
```

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

```
.background{ background-color: rgb(220,  
208, 202) }
```

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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