

Converting Colors

$Yxy(65.5280, 0.3284, 0.3357)$

Have a look what the booklet for
Yxy(65.5280, 0.3284, 0.3357)
contains.

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Color

Yxy(65.7600, 0.3284, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	E0D1CB
RGB	224, 209, 203
RGB Percent	88%, 82%, 80%
CMY	0.1214, 0.1804, 0.2039
CMYK	0.00, 0.07, 0.09, 0.12
HSL	17°, 25%, 84%
HSV	17°, 9%, 88%
XYZ	64.3300, 65.7600, 65.7992
YIQ	212.8010, 10.8660, 1.3140

Conversions

Conversions Part 2

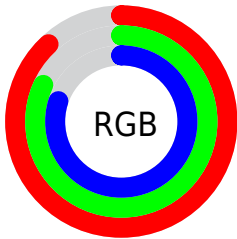
Format	Color
RYB	224, 211, 203
Decimal	14733771
CIELab	84.87, 4.20, 4.83
CIELCh	85, 6.399, 49.022
Yxy	65.7600, 0.3284, 0.3357
Android (android.graphics.Color)	4292923851 (0xFFE0D1CB)
YUV	212.8010, -4.8319, 9.8215
Hunter-Lab	81.0925, -0.3094, 8.6564

Details

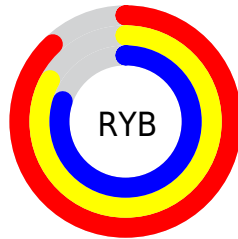
The Yxy color $65.7600, 0.3284, 0.3357$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $68.2489, 0.2982, 0.3222$, and the grayscale version is $66.4319, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.0476, 0.3324, 0.3378$ is the 20% darker color. If you saturate the color by 10%, you get $57.2999, 0.3482, 0.3433$, and if you desaturate by 10%, it is $75.1710, 0.3118, 0.3286$.

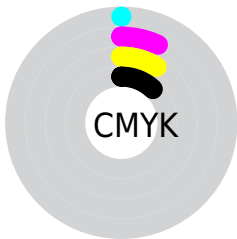
Distribution



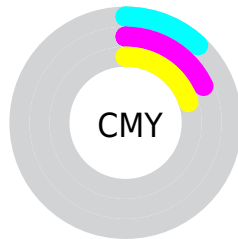
- Red (88%)
- Green (82%)
- Blue (80%)



- Red (88%)
- Yellow (83%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (12%)



- Cyan (12%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7600, 0.3284, 0.3357 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 65.7600, 0.3284, 0.3357 by changing the saturation by 10% instead.

■ 65.7600, 0.3284,
0.3357

■ 65.7600, 0.3284,
0.3357

445.5181, 0.3210,
0.3326

■ 48.0776, 0.3301,
0.3364

113.1418, 0.3258,
0.3346

■ 33.8883, 0.3323,
0.3373

143.6100, 0.3248,
0.3342

■ 22.8078, 0.3351,
0.3384

179.1089, 0.3239,
0.3338

■ 14.4517, 0.3388,
0.3399

220.0229, 0.3232,
0.3335

■ 8.4355, 0.3440,
0.3419

266.7365, 0.3225,
0.3332

■ 4.3748, 0.3517,
0.3448

319.6339, 0.3220,

■ 1.8854, 0.3646,

0.3330

0.3494

379.0996, 0.3214,
0.3328

0.5396, 0.4380,
0.3841

0.0000, 0.0000,
0.0000

65.7600, 0.3284,
0.3357

65.7600, 0.3284,
0.3357

57.2999, 0.3482,
0.3433

75.1710, 0.3118,
0.3286

49.7523, 0.3717,
0.3512

85.5527, 0.2979,
0.3220

43.0885, 0.3993,
0.3591

94.5945, 0.2941,
0.3289

37.2753, 0.4311,
0.3663

■ 32.2772, 0.4666,
0.3721

■ 28.0563, 0.5044,
0.3753

■ 24.5710, 0.5417,
0.3748

■ 21.7756, 0.5747,
0.3698

■ 19.6132, 0.6005,
0.3608

Harmonies

Analogous

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



65.7600, 0.3258, 0.3289



65.7600, 0.3284, 0.3357



65.7600, 0.3267, 0.3409

Triad

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



65.7600, 0.3284, 0.3357



65.7600, 0.3057, 0.3360



65.7600, 0.3041, 0.3154

Complementary

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



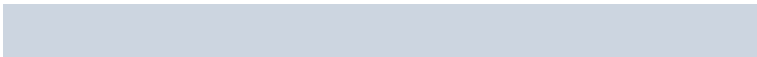
65.7600, 0.3284, 0.3357



68.2489, 0.2982, 0.3222

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.



65.7600, 0.2989, 0.3171



65.7600, 0.3284, 0.3357



65.7600, 0.2998, 0.3290

Square

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



65.7600, 0.3284, 0.3357



65.7600, 0.3136, 0.3412



65.7600, 0.2973, 0.3220



65.7600, 0.3117, 0.3173

Rectangle

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



65.7600, 0.3284, 0.3357



65.7600, 0.3234, 0.3427



65.7600, 0.2973, 0.3220



65.7600, 0.3020, 0.3156

Sweetspot

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



65.7629, 0.3284, 0.3357



96.0758, 0.3175, 0.3311



63.6309, 0.3181, 0.3124



20.3440, 0.3188, 0.3317



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.



65.7629, 0.3284, 0.3357



86.1852, 0.3315, 0.3370



71.0822, 0.3272, 0.3471



14.3331, 0.3285, 0.3357



11.5153, 0.5992, 0.3624



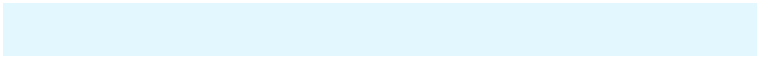
0.9481, 0.5687, 0.3866

Inverse Universe

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



68.2489, 0.2982, 0.3222



90.0708, 0.2956, 0.3209



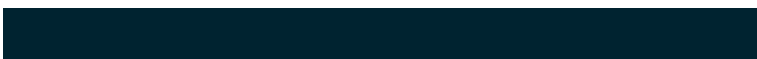
62.9763, 0.2982, 0.3102



14.8780, 0.2982, 0.3222



18.0121, 0.1983, 0.2339



1.3987, 0.2029, 0.2503

Previews

White Background



This preview shows how the Yxy color 65.7600, 0.3284, 0.3357 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 65.7600, 0.3284, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

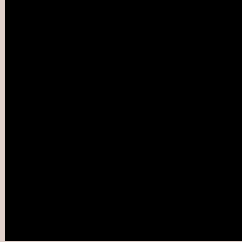
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

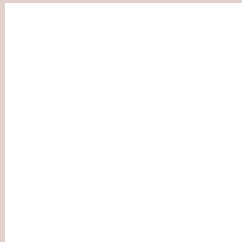
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7600, 0.3284, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 65.7600, 0.3284, 0.3357.

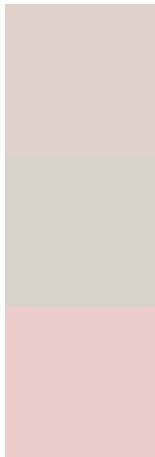


This preview shows how white text looks on a background with the Yxy color 65.7600, 0.3284, 0.3357.

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

65.7600, 0.3284, 0.3357

Protanopia

65.8536, 0.3228, 0.3369

Deuteranopia

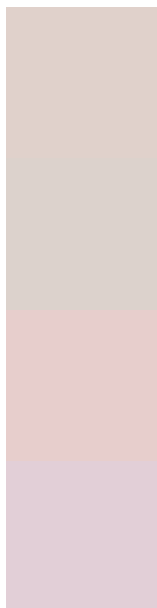
65.6844, 0.3367, 0.3302



Tritanopia

65.7474, 0.3173, 0.3117

Trichromacy



Original Color

65.7600, 0.3284, 0.3357

Protanomaly

65.6685, 0.3245, 0.3358

Deuteranomaly

65.4912, 0.3334, 0.3312

Tritanomaly

65.7007, 0.3215, 0.3203

Monochromacy



Original Color

65.7600, 0.3284, 0.3357

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.4421, 0.3185, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7600, 0.3284, 0.3357 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(224, 209, 203)` looks like.

```
.text, #text, p{  
    color:rgb(224, 209, 203)  
}
```

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(224, 209, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 209, 203) }
```

Border

The CSS property to change the border of an element to Yxy 65.7600, 0.3284, 0.3357 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(224, 209, 203) }
```

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

```
.border{ border-color:rgb(224, 209, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 209, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 209, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 209, 203);  
box-shadow:4px 4px 4px 4px rgb(224, 209,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7600, 0.3284, 0.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 209, 203) }
```

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

```
.background{ background-color: rgb(224,  
209, 203) }
```

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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