

Converting Colors

Yxy(66.1548, 0.3177, 0.3333)

Have a look what the booklet for
Yxy(66.1548, 0.3177, 0.3333)
contains.

Yxy(66.0881, 0.3177, 0.3335)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.0881, 0.3177, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	D7D4D0
RGB	215, 212, 208
RGB Percent	84%, 83%, 82%
CMY	0.1568, 0.1686, 0.1843
CMYK	0.00, 0.01, 0.03, 0.16
HSL	34°, 8%, 83%
HSV	34°, 3%, 84%
XYZ	62.9571, 66.0881, 69.1200
YIQ	212.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

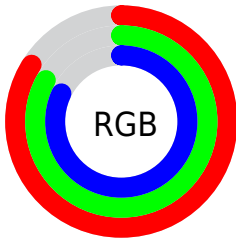
Format	Color
RYB	213, 215, 208
Decimal	14144720
CIELab	85.04, 0.33, 2.32
CIElCh	85, 2.345, 81.941
Yxy	66.0881, 0.3177, 0.3335
Android (android.graphics.Color)	4292334800 (0xFFD7D4D0)
YUV	212.4410, -2.1894, 2.2442
Hunter-Lab	81.2946, -4.0295, 6.4954

Details

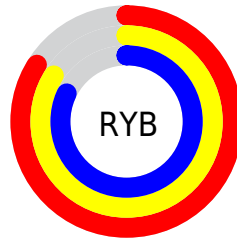
The Yxy color **66.0881, 0.3177, 0.3335** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9213, 0.3078, 0.3245**, and the grayscale version is **66.1636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.9206, 0.3184, 0.3335** is the 20% darker color. If you saturate the color by 10%, you get **60.6061, 0.3343, 0.3479**, and if you desaturate by 10%, it is **71.9848, 0.3030, 0.3200**.

Distribution



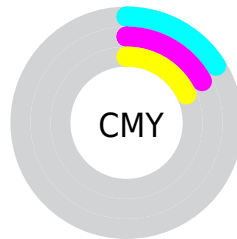
- Red (84%)
- Green (83%)
- Blue (82%)



- Red (84%)
- Yellow (84%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0881, 0.3177, 0.3335 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 66.0881, 0.3177, 0.3335 by changing the saturation by 10% instead.

■ 66.0881, 0.3177,
0.3335

■ 66.0881, 0.3177,
0.3335

446.6919, 0.3154,
0.3314

■ 48.3439, 0.3182,
0.3340

113.6128, 0.3169,
0.3328

■ 34.0993, 0.3189,
0.3346

144.1621, 0.3166,
0.3325

■ 22.9699, 0.3198,
0.3354

179.7485, 0.3163,
0.3322

■ 14.5713, 0.3210,
0.3364

220.7565, 0.3161,
0.3320

■ 8.5191, 0.3226,
0.3379

267.5704, 0.3158,
0.3318

■ 4.4288, 0.3250,
0.3400

320.5747, 0.3157,

■ 1.9162, 0.3290,

0.3317

380.1537, 0.3155,
0.3315

0.3436

0.5581, 0.3492,
0.3619

0.0000, 0.0000,
0.0000

66.0881, 0.3177,
0.3335

66.0881, 0.3177,
0.3335

60.6061, 0.3343,
0.3479

71.9848, 0.3030,
0.3200

55.5200, 0.3529,
0.3629

78.2972, 0.2901,
0.3074

50.8222, 0.3736,
0.3782

83.8575, 0.2882,
0.3132

46.5012, 0.3962,
0.3931

89.4418, 0.2886,
0.3228

■ 42.5453, 0.4202,
0.4069

■ 93.1893, 0.2889,
0.3289

■ 38.9417, 0.4448,
0.4184

■ 35.6764, 0.4690,
0.4264

■ 32.7340, 0.4913,
0.4297

■ 30.0969, 0.5105,
0.4277

Harmonies

Analogous

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



66.0881, 0.3184, 0.3317



66.0881, 0.3177, 0.3335



66.0881, 0.3156, 0.3341

Triad

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



66.0881, 0.3177, 0.3335



66.0881, 0.3078, 0.3288



66.0881, 0.3127, 0.3248

Complementary

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



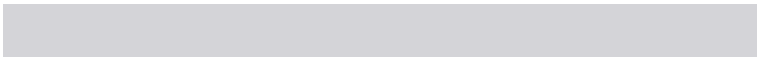
66.0881, 0.3177, 0.3335



64.9213, 0.3078, 0.3245

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.



66.0881, 0.3098, 0.3240



66.0881, 0.3177, 0.3335



66.0881, 0.3070, 0.3263

Square

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



66.0881, 0.3177, 0.3335



66.0881, 0.3099, 0.3313



66.0881, 0.3078, 0.3245



66.0881, 0.3155, 0.3267

Rectangle

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



66.0881, 0.3177, 0.3335



66.0881, 0.3138, 0.3337



66.0881, 0.3078, 0.3245



66.0881, 0.3117, 0.3244

Sweetspot

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



66.0910, 0.3177, 0.3335



99.1383, 0.3142, 0.3304



64.2730, 0.3159, 0.3256



21.2288, 0.3142, 0.3303



0.0000, 0.0000, 0.0000



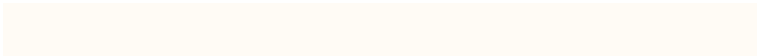
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0910, 0.3177, 0.3335



96.5900, 0.3189, 0.3346



67.5419, 0.3171, 0.3369



14.1475, 0.3200, 0.3355



17.2427, 0.5198, 0.4255



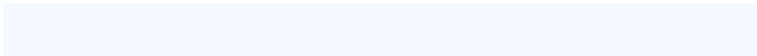
1.2030, 0.4978, 0.4430

Inverse Universe

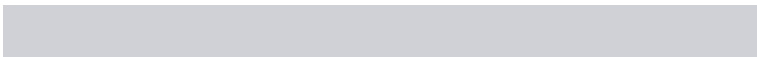
The Inverse Universe completely reimagines the original color for something new.



64.9213, 0.3078, 0.3245



94.4667, 0.3066, 0.3233



63.5047, 0.3082, 0.3210



13.7844, 0.3056, 0.3224



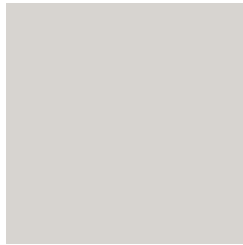
7.7746, 0.1713, 0.1365



0.6315, 0.1807, 0.1704

Previews

White Background



This preview shows how the Yxy color 66.0881, 0.3177, 0.3335 looks on a white background.

Color Contrast Check

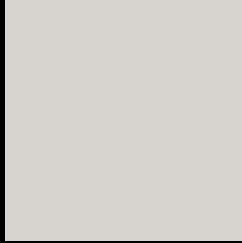
Large Text (above 18pt) WCAG AA × Fail

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 66.0881, 0.3177, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

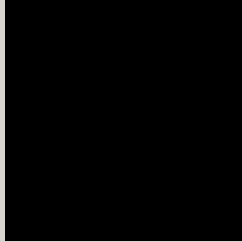
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

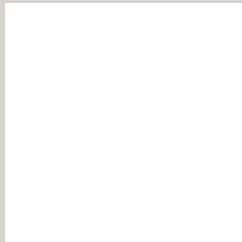
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0881, 0.3177, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 66.0881, 0.3177, 0.3335.

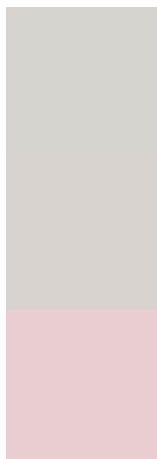


This preview shows how white text looks on a background with the Yxy color 66.0881, 0.3177, 0.3335.

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

66.0881, 0.3177, 0.3335

Protanopia

65.8943, 0.3193, 0.3324

Deuteranopia

65.7585, 0.3322, 0.3247



Tritanopia

65.9973, 0.3077, 0.3103

Trichromacy



Original Color

66.0881, 0.3177, 0.3335

Protanomaly

65.7415, 0.3185, 0.3324

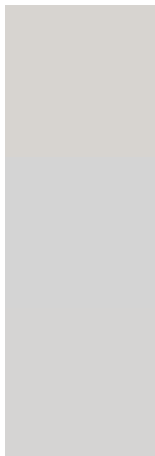
Deuteranomaly

66.0461, 0.3264, 0.3279

Tritanomaly

65.9594, 0.3117, 0.3190

Monochromacy



Original Color

66.0881, 0.3177, 0.3335

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.9362, 0.3141, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0881, 0.3177, 0.3335 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(215, 212, 208)` looks like.

```
.text, #text, p{  
    color:rgb(215, 212, 208)  
}
```

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(215, 212, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 212, 208) }
```

Border

The CSS property to change the border of an element to Yxy 66.0881, 0.3177, 0.3335 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(215, 212, 208) }
```

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

```
.border{ border-color:rgb(215, 212, 208) }
```

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

Here you see how a box with a 4 pixel rgb(215, 212, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 212, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 212, 208);  
box-shadow:4px 4px 4px 4px rgb(215, 212,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0881, 0.3177, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 212, 208) }
```

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

```
.background{ background-color: rgb(215,  
212, 208) }
```

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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