

Converting Colors

Yxy(66.1548, 0.3074, 0.3252)

Have a look what the booklet for
Yxy(66.1548, 0.3074, 0.3252)
contains.

Yxy(66.1017, 0.3078, 0.3256)	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(66.1017, 0.3078, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	D1D5D8
RGB	209, 213, 216
RGB Percent	82%, 84%, 85%
CMY	0.1803, 0.1647, 0.1530
CMYK	0.03, 0.01, 0.00, 0.15
HSL	206°, 8%, 83%
HSV	206°, 3%, 85%
XYZ	62.4880, 66.1017, 74.4253
YIQ	212.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

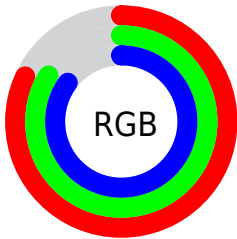
Format	Color
RYB	209, 212, 216
Decimal	13751768
CIELab	85.05, -0.79, -1.96
CIELCh	85, 2.108, 248.103
Yxy	66.1017, 0.3078, 0.3256
Android (android.graphics.Color)	4291941848 (0xFFD1D5D8)
YUV	212.1460, 1.9000, -2.7590
Hunter-Lab	81.3030, -5.0882, 2.6376

Details

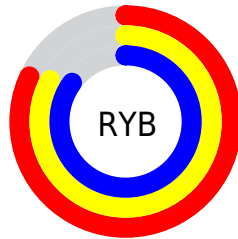
The Yxy color **66.1017, 0.3078, 0.3256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3007, 0.3177, 0.3324**, and the grayscale version is **65.9330, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.9955, 0.3072, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **58.6255, 0.2922, 0.3143**, and if you desaturate by 10%, it is **74.2782, 0.3228, 0.3357**.

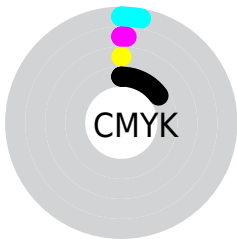
Distribution



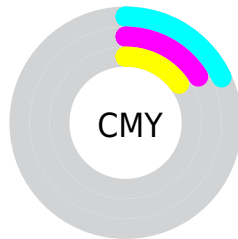
- Red (82%)
- Green (84%)
- Blue (85%)



- Red (82%)
- Yellow (83%)
- Blue (85%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1017, 0.3078, 0.3256 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 66.1017, 0.3078, 0.3256 by changing the saturation by 10% instead.

■ 66.1017, 0.3078,
0.3256

■ 66.1017, 0.3078,
0.3256

446.7405, 0.3101,
0.3272

■ 48.3550, 0.3073,
0.3252

113.6323, 0.3086,
0.3262

■ 34.1081, 0.3066,
0.3248

144.1849, 0.3089,
0.3264

■ 22.9766, 0.3057,
0.3241

179.7750, 0.3092,
0.3266

■ 14.5763, 0.3046,
0.3233

220.7869, 0.3094,
0.3267

■ 8.5225, 0.3030,
0.3222

267.6050, 0.3096,
0.3269

■ 4.4311, 0.3006,
0.3206

320.6137, 0.3098,

■ 1.9175, 0.2968,

0.3270

0.3178

380.1974, 0.3100,
0.3271

0.5589, 0.2819,
0.3077

0.0000, 0.0000,
0.0000

66.1017, 0.3078,
0.3256

66.1017, 0.3078,
0.3256

58.6255, 0.2922,
0.3143

74.2782, 0.3228,
0.3357

51.8195, 0.2764,
0.3017

83.1670, 0.3372,
0.3447

45.6640, 0.2605,
0.2880

89.0433, 0.3378,
0.3537

40.1346, 0.2450,
0.2731

94.6775, 0.3365,
0.3625

■ 35.2053, 0.2303,
0.2573

■ 97.7375, 0.3358,
0.3671

■ 30.8477, 0.2168,
0.2409

■ 27.0304, 0.2049,
0.2241

■ 23.7179, 0.1951,
0.2073

■ 20.8682, 0.1875,
0.1910

Harmonies

Analogous

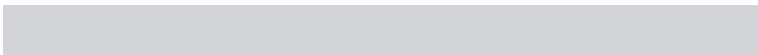
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.1017, 0.3078, 0.3275



66.1017, 0.3078, 0.3256



66.1017, 0.3091, 0.3246

Triad

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



66.1017, 0.3078, 0.3256



66.1017, 0.3164, 0.3281



66.1017, 0.3140, 0.3333

Complementary

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



66.1017, 0.3078, 0.3256



66.3007, 0.3177, 0.3324

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.



66.1017, 0.3163, 0.3335



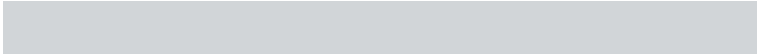
66.1017, 0.3078, 0.3256



66.1017, 0.3177, 0.3305

Square

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



66.1017, 0.3078, 0.3256



66.1017, 0.3141, 0.3261



66.1017, 0.3177, 0.3324



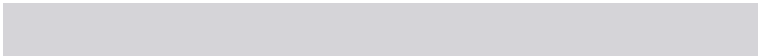
66.1017, 0.3113, 0.3320

Rectangle

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



66.1017, 0.3078, 0.3256



66.1017, 0.3106, 0.3246



66.1017, 0.3177, 0.3324



66.1017, 0.3148, 0.3335

Sweetspot

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



66.1045, 0.3078, 0.3256



98.8221, 0.3112, 0.3280



67.4173, 0.3104, 0.3336



21.1644, 0.3113, 0.3280



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

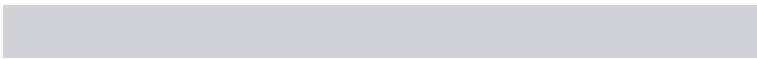
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.1045, 0.3078, 0.3256



95.3504, 0.3066, 0.3247



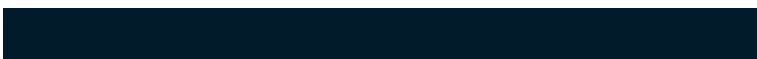
64.4168, 0.3079, 0.3217



13.9355, 0.3055, 0.3240



11.5575, 0.1841, 0.1827



0.8600, 0.1918, 0.2104

Inverse Universe

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



65.0164, 0.3152, 0.3246



93.3846, 0.3158, 0.3234



68.0138, 0.3175, 0.3362



13.6005, 0.3163, 0.3225



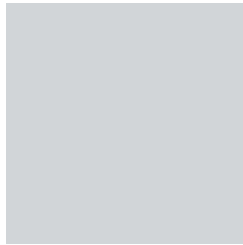
9.5116, 0.4654, 0.2337



0.5901, 0.4337, 0.2163

Previews

White Background



This preview shows how the Yxy color 66.1017, 0.3078, 0.3256 looks on a white background.

Color Contrast Check

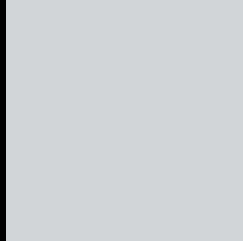
Large Text (above 18pt) WCAG AA × Fail

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 66.1017, 0.3078, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

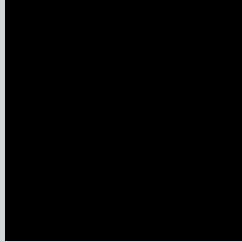
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

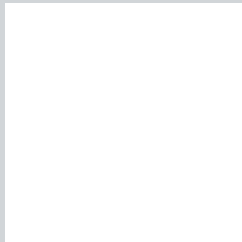
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.1017, 0.3078, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 66.1017, 0.3078, 0.3256.

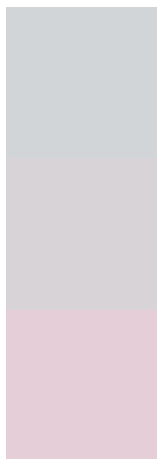


This preview shows how white text looks on a background with the Yxy color 66.1017, 0.3078, 0.3256.

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

66.1017, 0.3078, 0.3256

Protanopia

65.9419, 0.3129, 0.3245

Deuteranopia

65.9754, 0.3232, 0.3171



Tritanopia

66.0389, 0.3013, 0.3101

Trichromacy



Original Color

66.1017, 0.3078, 0.3256

Protanomaly

66.1394, 0.3114, 0.3256

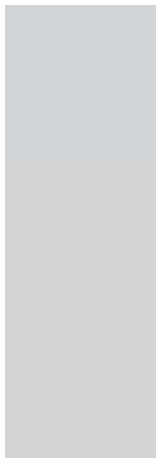
Deuteranomaly

66.1403, 0.3169, 0.3202

Tritanomaly

66.1704, 0.3032, 0.3156

Monochromacy



Original Color

66.1017, 0.3078, 0.3256

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.7399, 0.3113, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1017, 0.3078, 0.3256 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, 213, 216)` looks like.

```
.text, #text, p{  
    color:rgb(209, 213, 216)  
}
```

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, 213, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 213, 216) }
```

Border

The CSS property to change the border of an element to Yxy 66.1017, 0.3078, 0.3256 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, 213, 216) }
```

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

```
.border{ border-color:rgb(209, 213, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 213, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 213, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 213, 216);  
box-shadow:4px 4px 4px 4px rgb(209, 213,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1017, 0.3078, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 213, 216) }
```

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

```
.background{ background-color: rgb(209,  
213, 216) }
```

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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