

Converting Colors

Yxy(64.0660, 0.3084, 0.3217)

Have a look what the booklet for
Yxy(64.0660, 0.3084, 0.3217)
contains.

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Color

Yxy(64.0625, 0.3086, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	D1D1D7
RGB	209, 209, 215
RGB Percent	82%, 82%, 84%
CMY	0.1804, 0.1804, 0.1569
CMYK	0.03, 0.03, 0.00, 0.16
HSL	240°, 7%, 83%
HSV	240°, 3%, 84%
XYZ	61.3584, 64.0625, 73.4074
YIQ	209.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

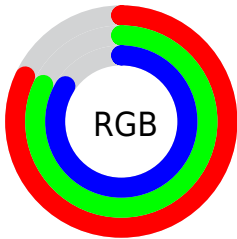
Format	Color
R _Y B	209, 209, 215
Decimal	13750743
CIE Lab	84.00, 1.10, -2.96
CIE LCh	84, 3.159, 290.451
Yxy	64.0625, 0.3086, 0.3222
Android (android.graphics.Color)	4291940823 (0xFFD1D1D7)
YUV	209.6840, 2.6208, -0.5999
Hunter-Lab	80.0391, -3.2291, 1.6498

Details

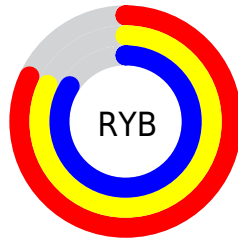
The Yxy color **64.0625, 0.3086, 0.3222** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6355, 0.3168, 0.3357**, and the grayscale version is **64.2151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.9493, 0.3082, 0.3215** is the 20% darker color. If you saturate the color by 10%, you get **51.3004, 0.2925, 0.2956**, and if you desaturate by 10%, it is **78.6736, 0.3227, 0.3454**.

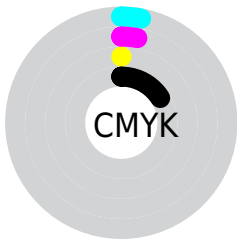
Distribution



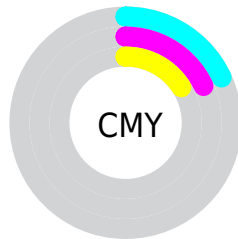
- Red (82%)
- Green (82%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.0625, 0.3086, 0.3222 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 64.0625, 0.3086, 0.3222 by changing the saturation by 10% instead.

■ 64.0625, 0.3086,
0.3222

■ 64.0625, 0.3086,
0.3222

439.4153, 0.3106,
0.3254

■ 46.7013, 0.3081,
0.3214

110.7009, 0.3093,
0.3233

■ 32.7996, 0.3076,
0.3205

140.7470, 0.3096,
0.3238

■ 21.9730, 0.3068,
0.3193

175.7901, 0.3098,
0.3241

■ 13.8370, 0.3058,
0.3177

216.2146, 0.3100,
0.3245

■ 8.0074, 0.3045,
0.3155

262.4050, 0.3101,
0.3247

■ 4.0997, 0.3024,
0.3121

314.7457, 0.3103,

■ 1.7295, 0.2989,

0.3250

0.3066

373.6210, 0.3104,
0.3252

0.4426, 0.2835,
0.2803

0.0000, 0.0000,
0.0000

64.0625, 0.3086,
0.3222

64.0625, 0.3086,
0.3222

51.3004, 0.2925,
0.2956

78.6736, 0.3227,
0.3454

40.3058, 0.2743,
0.2655

95.1946, 0.3348,
0.3655

31.0034, 0.2543,
0.2324

97.6853, 0.3364,
0.3681

23.3091, 0.2330,
0.1973

■ 17.1318, 0.2115,
0.1617

■ 12.3714, 0.1912,
0.1282

■ 8.9155, 0.1738,
0.0994

■ 6.6348, 0.1608,
0.0779

■ 5.3739, 0.1530,
0.0650

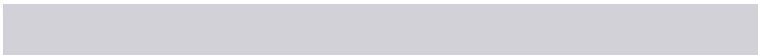
Harmonies

Analogous

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



64.0625, 0.3059, 0.3230



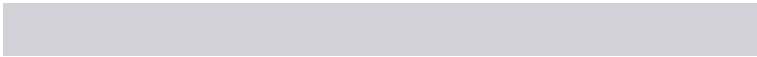
64.0625, 0.3086, 0.3222



64.0625, 0.3124, 0.3232

Triad

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



64.0625, 0.3086, 0.3222



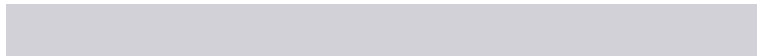
64.0625, 0.3205, 0.3325



64.0625, 0.3091, 0.3323

Complementary

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



64.0625, 0.3086, 0.3222



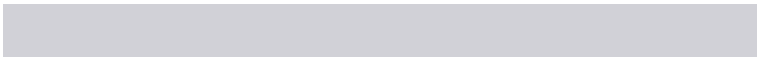
67.6355, 0.3168, 0.3357

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.



64.0625, 0.3130, 0.3349



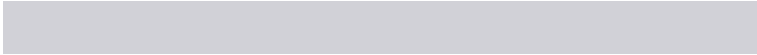
64.0625, 0.3086, 0.3222



64.0625, 0.3196, 0.3350

Square

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



64.0625, 0.3086, 0.3222



64.0625, 0.3193, 0.3291



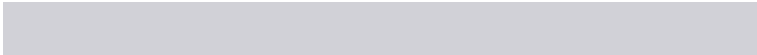
64.0625, 0.3168, 0.3359



64.0625, 0.3062, 0.3289

Rectangle

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



64.0625, 0.3086, 0.3222



64.0625, 0.3151, 0.3248



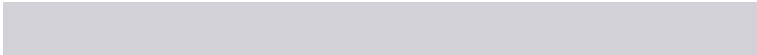
64.0625, 0.3168, 0.3359



64.0625, 0.3103, 0.3334

Sweetspot

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



64.0652, 0.3086, 0.3222



97.9050, 0.3112, 0.3266



67.0467, 0.3085, 0.3291



20.9778, 0.3113, 0.3267



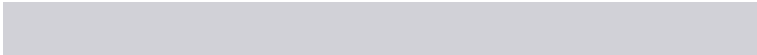
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



64.0652, 0.3086, 0.3222



93.7986, 0.3082, 0.3216



64.4876, 0.3107, 0.3222



13.6012, 0.3071, 0.3197



2.9385, 0.1500, 0.0601



0.1780, 0.1501, 0.0603

Inverse Universe

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



64.6494, 0.3172, 0.3290



94.7333, 0.3176, 0.3290



67.2051, 0.3147, 0.3358



13.7716, 0.3189, 0.3290



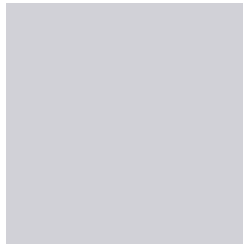
8.6415, 0.6400, 0.3299



0.5213, 0.6396, 0.3297

Previews

White Background



This preview shows how the Yxy color 64.0625, 0.3086, 0.3222 looks on a white background.

Color Contrast Check

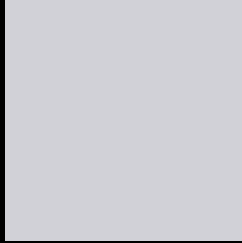
Large Text (above 18pt) WCAG AA × Fail

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 64.0625, 0.3086, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

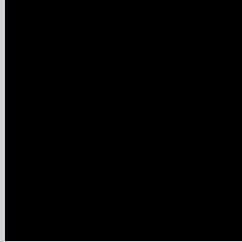
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

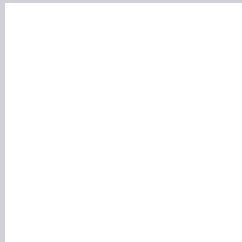
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.0625, 0.3086, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 64.0625, 0.3086, 0.3222.

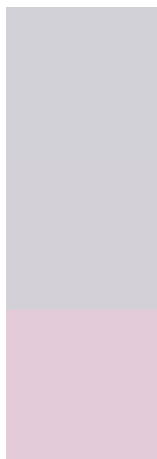


This preview shows how white text looks on a background with the Yxy color 64.0625, 0.3086, 0.3222.

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

64.0625, 0.3086, 0.3222

Protanopia

64.0151, 0.3108, 0.3211

Deuteranopia

64.0006, 0.3218, 0.3148



Tritanopia

64.1952, 0.3032, 0.3110

Trichromacy



Original Color

64.0625, 0.3086, 0.3222

Protanomaly

63.8669, 0.3101, 0.3211

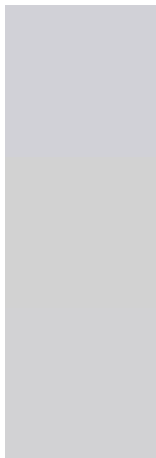
Deuteranomaly

63.8362, 0.3163, 0.3168

Tritanomaly

64.0338, 0.3053, 0.3143

Monochromacy



Original Color

64.0625, 0.3086, 0.3222

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.5483, 0.3113, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0625, 0.3086, 0.3222 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, 209, 215)` looks like.

```
.text, #text, p{  
    color:rgb(209, 209, 215)  
}
```

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, 209, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 209, 215) }
```

Border

The CSS property to change the border of an element to Yxy 64.0625, 0.3086, 0.3222 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, 209, 215) }
```

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

```
.border{ border-color:rgb(209, 209, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 209, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 209, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 209, 215);  
box-shadow:4px 4px 4px 4px rgb(209, 209,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0625, 0.3086, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 209, 215) }
```

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

```
.background{ background-color: rgb(209,  
209, 215) }
```

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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