

Converting Colors

$Yxy(65.1996, 0.3091, 0.3246)$

Have a look what the booklet for
Yxy(65.1996, 0.3091, 0.3246)
contains.

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Color

Yxy(65.1965, 0.3092, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	D2D3D7
RGB	210, 211, 215
RGB Percent	82%, 83%, 84%
CMY	0.1767, 0.1724, 0.1569
CMYK	0.02, 0.02, 0.00, 0.16
HSL	227°, 6%, 83%
HSV	227°, 2%, 84%
XYZ	62.1225, 65.1965, 73.5947
YIQ	211.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

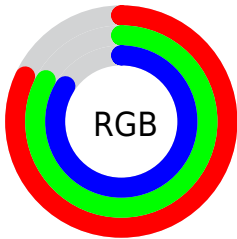
Format	Color
RYP	210, 211, 215
Decimal	13816791
CIELab	84.58, 0.36, -2.10
CIElCh	85, 2.128, 279.784
Yxy	65.1965, 0.3092, 0.3245
Android (android.graphics.Color)	4292006871 (0xFFD2D3D7)
YUV	211.1570, 1.8946, -1.0147
Hunter-Lab	80.7443, -3.9695, 2.4810

Details

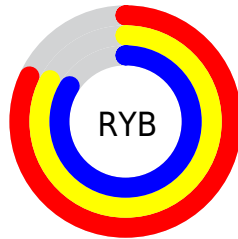
The Yxy color **65.1965, 0.3092, 0.3245** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1368, 0.3162, 0.3335**, and the grayscale version is **65.2339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.7199, 0.3091, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **54.3176, 0.2934, 0.3038**, and if you desaturate by 10%, it is **77.3818, 0.3236, 0.3427**.

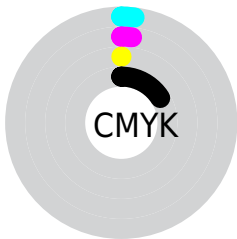
Distribution



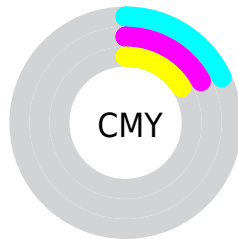
- Red (82%)
- Green (83%)
- Blue (84%)



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



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1965, 0.3092, 0.3245 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 65.1965, 0.3092, 0.3245 by changing the saturation by 10% instead.

■ 65.1965, 0.3092,
0.3245

■ 65.1965, 0.3092,
0.3245

443.4978, 0.3109,
0.3266

■ 47.6204, 0.3088,
0.3240

112.3323, 0.3098,
0.3252

■ 33.5264, 0.3083,
0.3234

142.6609, 0.3100,
0.3255

■ 22.5300, 0.3077,
0.3226

178.0090, 0.3102,
0.3258

■ 14.2469, 0.3069,
0.3215

218.7612, 0.3104,
0.3260

■ 8.2926, 0.3057,
0.3201

265.3017, 0.3105,
0.3262

■ 4.2827, 0.3040,
0.3179

318.0151, 0.3106,

■ 1.8329, 0.3011,

0.3264

377.2856, 0.3108,
0.3265

0.3142

0.5076, 0.2893,
0.2989

0.0000, 0.0000,
0.0000

65.1965, 0.3092,
0.3245

65.1965, 0.3092,
0.3245

54.3176, 0.2934,
0.3038

77.3818, 0.3236,
0.3427

44.6931, 0.2761,
0.2806

90.9067, 0.3365,
0.3585

36.2795, 0.2577,
0.2549

97.6860, 0.3364,
0.3681

29.0281, 0.2386,
0.2271

■ 22.8862, 0.2193,
0.1980

■ 17.7974, 0.2009,
0.1685

■ 13.6998, 0.1844,
0.1402

■ 10.5246, 0.1709,
0.1148

■ 8.1933, 0.1610,
0.0938

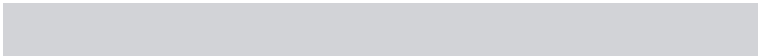
Harmonies

Analogous

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



65.1965, 0.3078, 0.3255



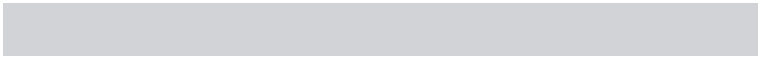
65.1965, 0.3092, 0.3245



65.1965, 0.3116, 0.3247

Triad

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



65.1965, 0.3092, 0.3245



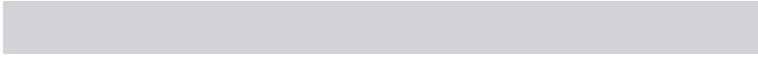
65.1965, 0.3178, 0.3306



65.1965, 0.3112, 0.3320

Complementary

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



65.1965, 0.3092, 0.3245



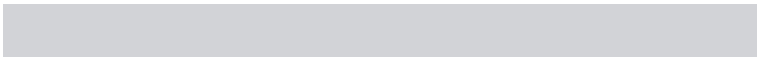
67.1368, 0.3162, 0.3335

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.



65.1965, 0.3139, 0.3333



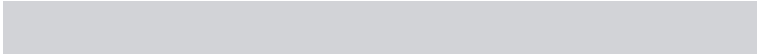
65.1965, 0.3092, 0.3245



65.1965, 0.3177, 0.3326

Square

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



65.1965, 0.3092, 0.3245



65.1965, 0.3166, 0.3283



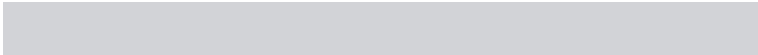
65.1965, 0.3163, 0.3336



65.1965, 0.3089, 0.3298

Rectangle

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



65.1965, 0.3092, 0.3245



65.1965, 0.3134, 0.3255



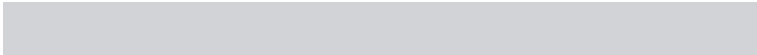
65.1965, 0.3163, 0.3336



65.1965, 0.3121, 0.3325

Sweetspot

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



65.1993, 0.3092, 0.3245



98.2516, 0.3112, 0.3271



67.1388, 0.3098, 0.3302



21.0483, 0.3113, 0.3272



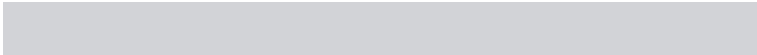
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

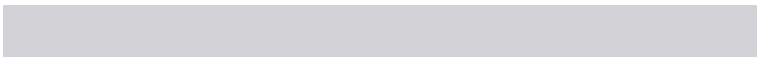
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.1993, 0.3092, 0.3245



94.8134, 0.3082, 0.3232



64.8676, 0.3103, 0.3233



13.7855, 0.3071, 0.3217



4.2578, 0.1565, 0.0833



0.3808, 0.1655, 0.1158

Inverse Universe

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



65.2094, 0.3157, 0.3278



94.8358, 0.3166, 0.3274



67.4772, 0.3151, 0.3347



13.7902, 0.3176, 0.3270



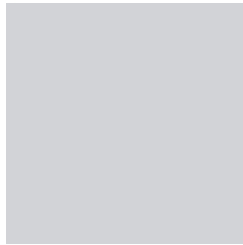
8.7747, 0.6017, 0.3088



0.5418, 0.5527, 0.2818

Previews

White Background



This preview shows how the Yxy color 65.1965, 0.3092, 0.3245 looks on a white background.

Color Contrast Check

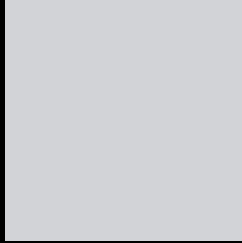
Large Text (above 18pt) WCAG AA × Fail

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 65.1965, 0.3092, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

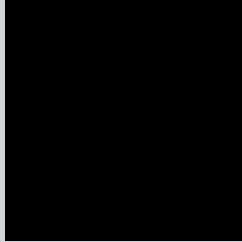
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

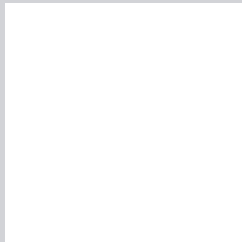
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1965, 0.3092, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 65.1965, 0.3092, 0.3245.

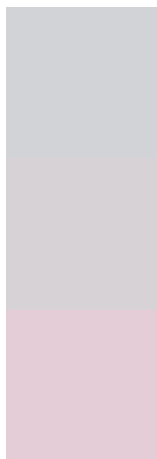


This preview shows how white text looks on a background with the Yxy color 65.1965, 0.3092, 0.3245.

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

65.1965, 0.3092, 0.3245

Protanopia

65.2444, 0.3129, 0.3245

Deuteranopia

65.2785, 0.3232, 0.3171



Tritanopia

65.0890, 0.3033, 0.3101

Trichromacy



Original Color

65.1965, 0.3092, 0.3245

Protanomaly

65.0944, 0.3122, 0.3245

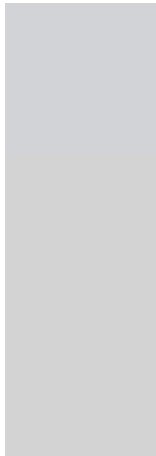
Deuteranomaly

65.1131, 0.3177, 0.3191

Tritanomaly

65.2160, 0.3053, 0.3155

Monochromacy



Original Color

65.1965, 0.3092, 0.3245

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.1909, 0.3120, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1965, 0.3092, 0.3245 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(210, 211, 215)` looks like.

```
.text, #text, p{  
    color:rgb(210, 211, 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(210, 211, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 211, 215) }
```

Border

The CSS property to change the border of an element to Yxy 65.1965, 0.3092, 0.3245 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(210, 211, 215) }
```

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

```
.border{ border-color:rgb(210, 211, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 211, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 211, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 211, 215);  
box-shadow:4px 4px 4px 4px rgb(210, 211,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1965, 0.3092, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 211, 215) }
```

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

```
.background{ background-color: rgb(210,  
211, 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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