

Converting Colors

Yxy(65.9838, 0.3163, 0.3341)

Have a look what the booklet for
Yxy(65.9838, 0.3163, 0.3341)
contains.

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Color

Yxy(65.7872, 0.3162, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	D5D4D0
RGB	213, 212, 208
RGB Percent	84%, 83%, 82%
CMY	0.1646, 0.1686, 0.1842
CMYK	0.00, 0.00, 0.02, 0.16
HSL	48°, 6%, 83%
HSV	48°, 2%, 84%
XYZ	62.3746, 65.7872, 69.1012
YIQ	211.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

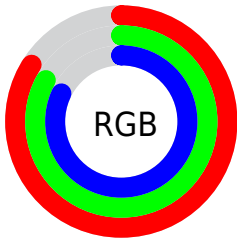
Format	Color
R _Y B	209, 213, 208
Decimal	14013648
CIE Lab	84.89, -0.36, 2.07
CIE LCh	85, 2.103, 99.795
Yxy	65.7872, 0.3162, 0.3335
Android (android.graphics.Color)	4292203728 (0xFFD5D4D0)
YUV	211.8430, -1.8946, 1.0147
Hunter-Lab	81.1093, -4.6715, 6.2643

Details

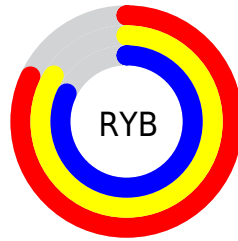
The Yxy color **65.7872, 0.3162, 0.3335** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8402, 0.3092, 0.3245**, and the grayscale version is **65.7442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.7161, 0.3164, 0.3335** is the 20% darker color. If you saturate the color by 10%, you get **62.6709, 0.3318, 0.3533**, and if you desaturate by 10%, it is **69.1082, 0.3018, 0.3147**.

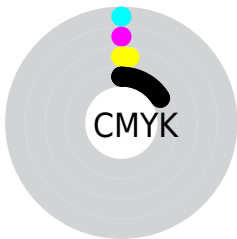
Distribution



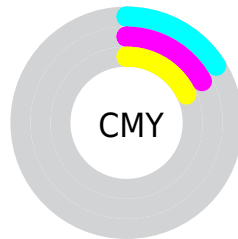
- Red (84%)
- Green (83%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7872, 0.3162, 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 65.7872, 0.3162, 0.3335 by changing the saturation by 10% instead.

■ 65.7872, 0.3162,
0.3335

■ 65.7872, 0.3162,
0.3335

445.6155, 0.3146,
0.3314

■ 48.0997, 0.3166,
0.3340

113.1809, 0.3156,
0.3328

■ 33.9058, 0.3171,
0.3346

143.6558, 0.3154,
0.3325

■ 22.8213, 0.3177,
0.3354

179.1619, 0.3152,
0.3322

■ 14.4616, 0.3185,
0.3365

220.0838, 0.3150,
0.3320

■ 8.4424, 0.3196,
0.3379

266.8056, 0.3149,
0.3318

■ 4.3793, 0.3213,
0.3401

319.7119, 0.3148,

■ 1.8879, 0.3241,

0.3317

0.3437

379.1871, 0.3147,
0.3315

0.5411, 0.3391,
0.3629

0.0000, 0.0000,
0.0000

65.7872, 0.3162,
0.3335

65.7872, 0.3162,
0.3335

62.6709, 0.3318,
0.3533

69.1082, 0.3018,
0.3147

59.7449, 0.3485,
0.3738

72.6313, 0.2887,
0.2971

57.0056, 0.3660,
0.3943

75.2256, 0.2863,
0.2974

54.4461, 0.3838,
0.4143

77.6011, 0.2865,
0.3020

■ 52.0590, 0.4015,
0.4327

■ 80.0368, 0.2867,
0.3067

■ 49.8364, 0.4182,
0.4486

■ 82.5328, 0.2869,
0.3113

■ 47.7690, 0.4331,
0.4609

■ 85.0897, 0.2871,
0.3158

■ 45.8468, 0.4456,
0.4689

■ 87.7079, 0.2873,
0.3204

■ 44.0574, 0.4553,
0.4722

■ 90.3879, 0.2875,
0.3249

Harmonies

Analogous

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



65.7872, 0.3176, 0.3325



65.7872, 0.3162, 0.3335



65.7872, 0.3138, 0.3333

Triad

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



65.7872, 0.3162, 0.3335



65.7872, 0.3077, 0.3274



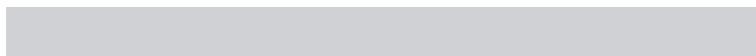
65.7872, 0.3142, 0.3262

Complementary

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



65.7872, 0.3162, 0.3335



63.8402, 0.3092, 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.



65.7872, 0.3116, 0.3248



65.7872, 0.3162, 0.3335



65.7872, 0.3078, 0.3255

Square

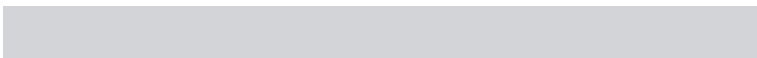
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.7872, 0.3162, 0.3335



65.7872, 0.3090, 0.3298



65.7872, 0.3093, 0.3246



65.7872, 0.3165, 0.3283

Rectangle

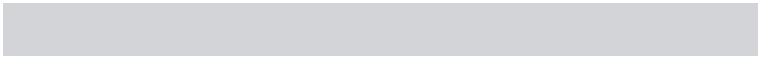
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.7872, 0.3162, 0.3335



65.7872, 0.3121, 0.3325



65.7872, 0.3093, 0.3246



65.7872, 0.3134, 0.3256

Sweetspot

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



65.7900, 0.3162, 0.3335



99.5060, 0.3142, 0.3309



63.8817, 0.3157, 0.3278



21.3036, 0.3141, 0.3308



0.0000, 0.0000, 0.0000



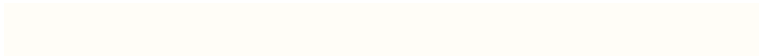
21.4041, 0.3127, 0.3290

Same Dimension

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



65.7900, 0.3162, 0.3335



98.5271, 0.3172, 0.3348



66.0891, 0.3151, 0.3347



14.4626, 0.3184, 0.3363



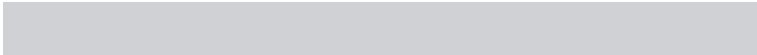
26.2655, 0.4603, 0.4727



1.6953, 0.4519, 0.4794

Inverse Universe

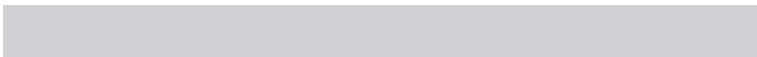
The Inverse Universe completely reimagines the original color for something new.



63.8402, 0.3092, 0.3245



94.7523, 0.3082, 0.3231



63.5490, 0.3103, 0.3233



13.7744, 0.3071, 0.3216



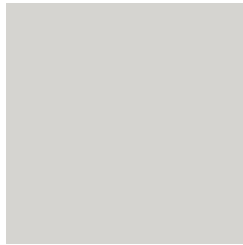
4.1245, 0.1559, 0.0811



0.3686, 0.1647, 0.1128

Previews

White Background



This preview shows how the Yxy color 65.7872, 0.3162, 0.3335 looks on a white background.

Color Contrast Check

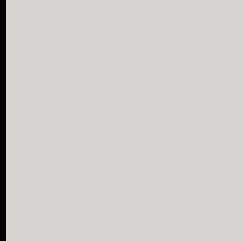
Large Text (above 18pt) WCAG AA × Fail

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 65.7872, 0.3162, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

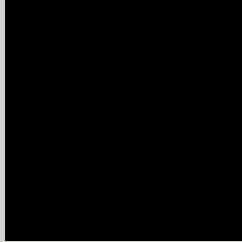
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

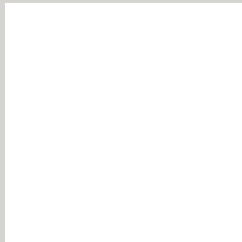
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7872, 0.3162, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 65.7872, 0.3162, 0.3335.

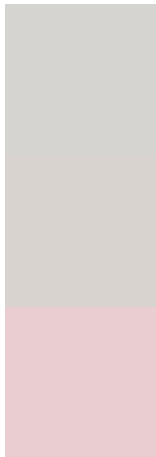


This preview shows how white text looks on a background with the Yxy color 65.7872, 0.3162, 0.3335.

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

65.7872, 0.3162, 0.3335

Protanopia

65.8452, 0.3200, 0.3335

Deuteranopia

65.5897, 0.3314, 0.3247



Tritanopia

65.6908, 0.3062, 0.3102

Trichromacy



Original Color

65.7872, 0.3162, 0.3335

Protanomaly

65.6925, 0.3192, 0.3335

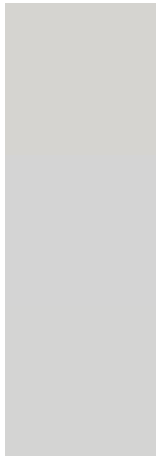
Deuteranomaly

65.8840, 0.3257, 0.3279

Tritanomaly

65.6547, 0.3102, 0.3190

Monochromacy



Original Color

65.7872, 0.3162, 0.3335

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.7872, 0.3134, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7872, 0.3162, 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(213, 212, 208)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 212, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 212, 208) }
```

Border

The CSS property to change the border of an element to Yxy 65.7872, 0.3162, 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(213, 212, 208) }
```

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

```
.border{ border-color:rgb(213, 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(213, 212, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 212, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 212, 208);  
box-shadow:4px 4px 4px 4px rgb(213, 212,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7872, 0.3162, 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(213, 212, 208) }
```

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

```
.background{ background-color: rgb(213,  
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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