

Converting Colors

$Yxy(65.7003, 0.3181, 0.3405)$

Have a look what the booklet for
Yxy(65.7003, 0.3181, 0.3405)
contains.

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Color

Yxy(65.7492, 0.3181, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	D3D5CB
RGB	211, 213, 203
RGB Percent	83%, 84%, 80%
CMY	0.1725, 0.1647, 0.2039
CMYK	0.01, 0.00, 0.05, 0.16
HSL	72°, 11%, 82%
HSV	72°, 5%, 84%
XYZ	61.4419, 65.7492, 65.9617
YIQ	211.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

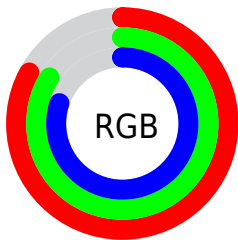
Format	Color
R _Y B	203, 213, 205
Decimal	13882827
CIE Lab	84.87, -2.45, 4.68
CIE LCh	85, 5.285, 117.626
Yxy	65.7492, 0.3181, 0.3404
Android (android.graphics.Color)	4292072907 (0xFFD3D5CB)
YUV	211.2620, -4.0732, -0.2298
Hunter-Lab	81.0859, -6.6440, 8.5289

Details

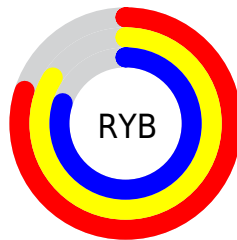
The Yxy color **65.7492, 0.3181, 0.3404** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5031, 0.3072, 0.3174**, and the grayscale version is **65.3534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.7917, 0.3199, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **64.1876, 0.3298, 0.3657**, and if you desaturate by 10%, it is **67.4726, 0.3067, 0.3165**.

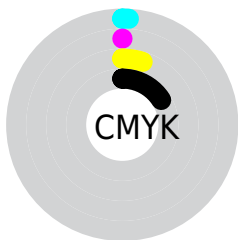
Distribution



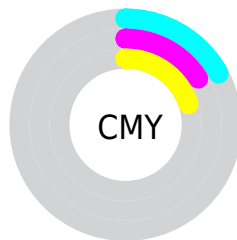
- Red (83%)
- Green (84%)
- Blue (80%)



- Red (80%)
- Yellow (84%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)



- Cyan (17%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7492, 0.3181, 0.3404 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 65.7492, 0.3181, 0.3404 by changing the saturation by 10% instead.

■ 65.7492, 0.3181,
0.3404

■ 65.7492, 0.3181,
0.3404

445.4794, 0.3156,
0.3350

■ 48.0688, 0.3187,
0.3417

113.1263, 0.3172,
0.3385

■ 33.8814, 0.3194,
0.3432

143.5918, 0.3169,
0.3378

■ 22.8025, 0.3203,
0.3453

179.0878, 0.3166,
0.3371

■ 14.4477, 0.3216,
0.3480

219.9988, 0.3163,
0.3366

■ 8.4327, 0.3233,
0.3518

266.7090, 0.3161,
0.3361

■ 4.3731, 0.3258,
0.3575

319.6029, 0.3159,

■ 1.8844, 0.3299,

0.3357

0.3670

379.0649, 0.3157,
0.3353

0.5390, 0.3617,
0.4309

0.0000, 0.0000,
0.0000

65.7492, 0.3181,
0.3404

65.7492, 0.3181,
0.3404

64.1876, 0.3298,
0.3657

67.4726, 0.3067,
0.3165

62.7733, 0.3415,
0.3920


69.3545, 0.2959,
0.2943


61.5032, 0.3527,
0.4185


70.6117, 0.2929,
0.2853

60.3704, 0.3631,
0.4445


71.2960, 0.2958,
0.2856


 59.3680, 0.3720,
0.4687


 71.9973, 0.2987,
0.2860


 58.4879, 0.3790,
0.4902


 72.7157, 0.3016,
0.2864

 57.7212, 0.3836,
0.5079

 73.4513, 0.3046,
0.2868

 57.0575, 0.3857,
0.5212

 74.2042, 0.3075,
0.2872

 56.4845, 0.3852,
0.5298

 74.9746, 0.3105,
0.2875

Harmonies

Analogous

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



65.7492, 0.3233, 0.3396



65.7492, 0.3181, 0.3404



65.7492, 0.3115, 0.3381

Triad

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



65.7492, 0.3181, 0.3404



65.7492, 0.3000, 0.3219



65.7492, 0.3201, 0.3248

Complementary

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



65.7492, 0.3181, 0.3404



60.5031, 0.3072, 0.3174

Split Complementary

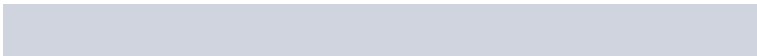
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.7492, 0.3138, 0.3202



65.7492, 0.3181, 0.3404



65.7492, 0.3022, 0.3185

Square

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



65.7492, 0.3181, 0.3404



65.7492, 0.3011, 0.3273



65.7492, 0.3073, 0.3179



65.7492, 0.3245, 0.3306

Rectangle

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



65.7492, 0.3181, 0.3404



65.7492, 0.3072, 0.3350



65.7492, 0.3073, 0.3179



65.7492, 0.3182, 0.3231

Sweetspot

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



65.7520, 0.3181, 0.3404



99.7408, 0.3139, 0.3314



62.0480, 0.3203, 0.3311



21.3514, 0.3138, 0.3313



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.



65.7520, 0.3181, 0.3404



98.4808, 0.3197, 0.3438



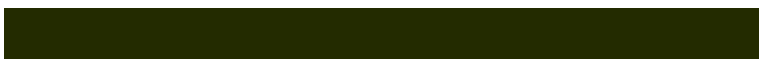
65.0483, 0.3145, 0.3405



14.4889, 0.3203, 0.3451



34.3764, 0.3848, 0.5327



2.1059, 0.3911, 0.5277

Inverse Universe

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



60.5031, 0.3072, 0.3174



88.3727, 0.3055, 0.3139



61.2016, 0.3108, 0.3176



12.8742, 0.3048, 0.3126



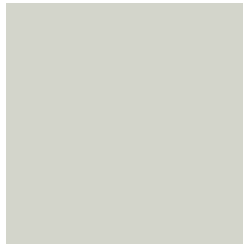
3.2743, 0.1601, 0.0656



0.2326, 0.1765, 0.0746

Previews

White Background



This preview shows how the Yxy color 65.7492, 0.3181, 0.3404 looks on a white background.

Color Contrast Check

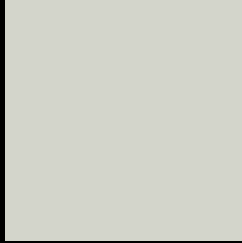
Large Text (above 18pt) WCAG AA × Fail

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 65.7492, 0.3181, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

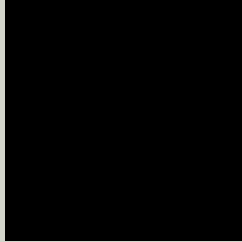
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

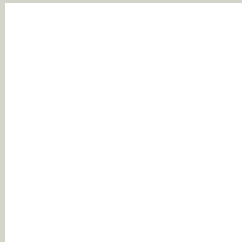
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7492, 0.3181, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 65.7492, 0.3181, 0.3404.

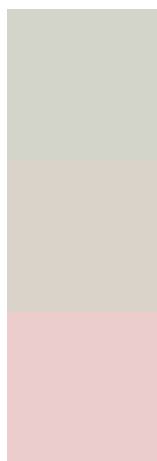


This preview shows how white text looks on a background with the Yxy color 65.7492, 0.3181, 0.3404.

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

65.7492, 0.3181, 0.3404

Protanopia

65.7582, 0.3243, 0.3392

Deuteranopia

65.7326, 0.3360, 0.3291



Tritanopia

65.8803, 0.3048, 0.3113

Trichromacy



Original Color

65.7492, 0.3181, 0.3404

Protanomaly

65.7983, 0.3219, 0.3404

Deuteranomaly

65.6401, 0.3293, 0.3335

Tritanomaly

65.7966, 0.3094, 0.3212

Monochromacy



Original Color

65.7492, 0.3181, 0.3404

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.4899, 0.3147, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7492, 0.3181, 0.3404 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(211, 213, 203)` looks like.

```
.text, #text, p{  
    color:rgb(211, 213, 203)  
}
```

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(211, 213, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 213, 203) }
```

Border

The CSS property to change the border of an element to Yxy 65.7492, 0.3181, 0.3404 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(211, 213, 203) }
```

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

```
.border{ border-color:rgb(211, 213, 203) }
```

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

Here you see how a box with a 4 pixel rgb(211, 213, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 213, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 213, 203);  
box-shadow:4px 4px 4px 4px rgb(211, 213,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7492, 0.3181, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 213, 203) }
```

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

```
.background{ background-color: rgb(211,  
213, 203) }
```

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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