

Converting Colors

$Yxy(66.1144, 0.3234, 0.3472)$

Have a look what the booklet for
Yxy(66.1144, 0.3234, 0.3472)
contains.

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Color

Yxy(66.3165, 0.3230, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	D5D6C6
RGB	213, 214, 198
RGB Percent	84%, 84%, 78%
CMY	0.1647, 0.1607, 0.2237
CMYK	0.00, 0.00, 0.07, 0.16
HSL	64°, 16%, 81%
HSV	64°, 7%, 84%
XYZ	61.6764, 66.3165, 62.9558
YIQ	211.8770, 4.5400, -5.1880

Conversions

Conversions Part 2

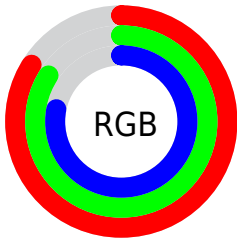
Format	Color
R _{YB}	198, 214, 199
Decimal	14014150
CIE Lab	85.16, -3.15, 7.79
CIE LCh	85, 8.404, 112.000
Yxy	66.3165, 0.3230, 0.3473
Android (android.graphics.Color)	4292204230 (0xFFD5D6C6)
YUV	211.8770, -6.8414, 0.9849
Hunter-Lab	81.4349, -7.3205, 11.1685

Details

The Yxy color **66.3165, 0.3230, 0.3473** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3687, 0.3020, 0.3101**, and the grayscale version is **65.7965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.0790, 0.3254, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **65.1998, 0.3370, 0.3725**, and if you desaturate by 10%, it is **67.5802, 0.3093, 0.3230**.

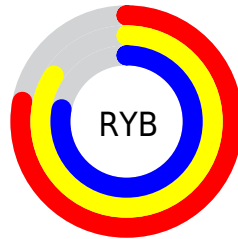
Distribution



Red (84%)

Green (84%)

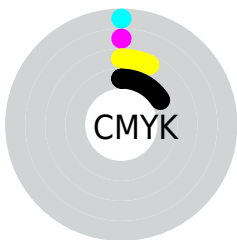
Blue (78%)



Red (78%)

Yellow (84%)

Blue (78%)

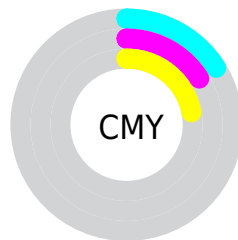


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3165, 0.3230, 0.3473 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 66.3165, 0.3230, 0.3473 by changing the saturation by 10% instead.

■ 66.3165, 0.3230,
0.3473

■ 66.3165, 0.3230,
0.3473

447.5079, 0.3182,
0.3386

■ 48.5294, 0.3241,
0.3493

113.9405, 0.3213,
0.3443

■ 34.2463, 0.3255,
0.3519

144.5461, 0.3207,
0.3431

■ 23.0829, 0.3273,
0.3551

180.1934, 0.3201,
0.3421

■ 14.6547, 0.3296,
0.3595

221.2667, 0.3196,
0.3412

■ 8.5774, 0.3328,
0.3656

268.1504, 0.3192,
0.3404

■ 4.4666, 0.3375,
0.3747

321.2289, 0.3188,

■ 1.9378, 0.3450,

0.3398

0.3898

380.8866, 0.3185,
0.3392

0.5710, 0.4183,
0.5126

0.0000, 0.0000,
0.0000

66.3165, 0.3230,
0.3473

66.3165, 0.3230,
0.3473

65.1998, 0.3370,
0.3725

67.5802, 0.3093,
0.3230

64.2156, 0.3511,
0.3980

68.9877, 0.2963,
0.3001

63.3605, 0.3646,
0.4230

70.0766, 0.2884,
0.2858

62.6278, 0.3771,
0.4465

70.2843, 0.2893,
0.2859

62.0103, 0.3880,
0.4676

70.4937, 0.2902,
0.2860

61.4996, 0.3968,
0.4853

70.7047, 0.2911,
0.2861

61.0867, 0.4031,
0.4989

70.9175, 0.2921,
0.2862

60.7607, 0.4068,
0.5080

71.1320, 0.2930,
0.2864

60.5067, 0.4081,
0.5131

71.3482, 0.2939,
0.2865

Harmonies

Analogous

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



66.3165, 0.3306, 0.3450



66.3165, 0.3230, 0.3473



66.3165, 0.3128, 0.3445

Triad

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



66.3165, 0.3230, 0.3473



66.3165, 0.2925, 0.3190



66.3165, 0.3227, 0.3208

Complementary

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



66.3165, 0.3230, 0.3473



57.3687, 0.3020, 0.3101

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.



66.3165, 0.3124, 0.3142



66.3165, 0.3230, 0.3473



66.3165, 0.2951, 0.3130

Square

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



66.3165, 0.3230, 0.3473



66.3165, 0.2953, 0.3279



66.3165, 0.3023, 0.3113



66.3165, 0.3304, 0.3297

Rectangle

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



66.3165, 0.3230, 0.3473



66.3165, 0.3058, 0.3401



66.3165, 0.3023, 0.3113



66.3165, 0.3195, 0.3183

Sweetspot

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



66.3194, 0.3230, 0.3473



99.6149, 0.3155, 0.3339



59.1147, 0.3254, 0.3300



21.3257, 0.3153, 0.3336



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.



66.3194, 0.3230, 0.3473



98.3356, 0.3252, 0.3513



65.1793, 0.3172, 0.3476



14.4782, 0.3257, 0.3521



36.5508, 0.4084, 0.5139



2.2169, 0.4104, 0.5123

Inverse Universe

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



57.3687, 0.3020, 0.3101



82.3688, 0.2996, 0.3059



58.4646, 0.3080, 0.3105



12.0457, 0.2991, 0.3050



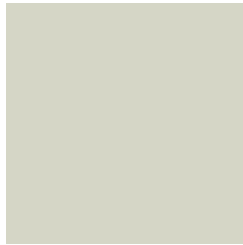
3.0042, 0.1521, 0.0612



0.1946, 0.1587, 0.0648

Previews

White Background



This preview shows how the Yxy color 66.3165, 0.3230, 0.3473 looks on a white background.

Color Contrast Check

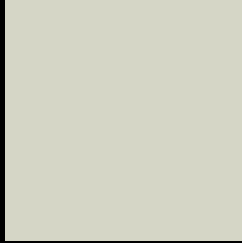
Large Text (above 18pt) WCAG AA × Fail

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 66.3165, 0.3230, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

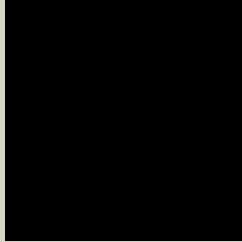
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

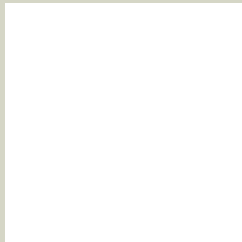
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3165, 0.3230, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 66.3165, 0.3230, 0.3473.



This preview shows how white text looks on a background with the Yxy color 66.3165, 0.3230, 0.3473.

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

66.3165, 0.3230, 0.3473

Protanopia

66.3338, 0.3292, 0.3459

Deuteranopia

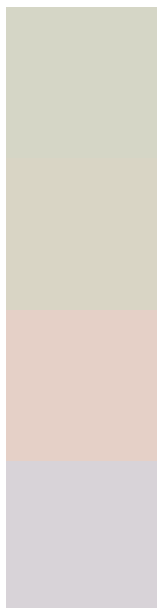
66.0099, 0.3421, 0.3345



Tritanopia

66.3359, 0.3069, 0.3114

Trichromacy



Original Color

66.3165, 0.3230, 0.3473

Protanomaly

66.3714, 0.3268, 0.3471

Deuteranomaly

65.8933, 0.3353, 0.3390

Tritanomaly

66.1453, 0.3130, 0.3234

Monochromacy



Original Color

66.3165, 0.3230, 0.3473

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.0905, 0.3161, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3165, 0.3230, 0.3473 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, 214, 198)` looks like.

```
.text, #text, p{  
    color:rgb(213, 214, 198)  
}
```

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, 214, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 214, 198) }
```

Border

The CSS property to change the border of an element to Yxy 66.3165, 0.3230, 0.3473 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, 214, 198) }
```

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

```
.border{ border-color:rgb(213, 214, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 214, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 214, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 214, 198);  
box-shadow:4px 4px 4px 4px rgb(213, 214,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3165, 0.3230, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 214, 198) }
```

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

```
.background{ background-color: rgb(213,  
214, 198) }
```

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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