

Converting Colors

Yxy(66.9130, 0.3210, 0.3414)

Have a look what the booklet for
Yxy(66.9130, 0.3210, 0.3414)
contains.

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Color

Yxy(66.8520, 0.3210, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	D7D6CB
RGB	215, 214, 203
RGB Percent	84%, 84%, 80%
CMY	0.1568, 0.1608, 0.2038
CMYK	0.00, 0.00, 0.06, 0.16
HSL	55°, 13%, 82%
HSV	55°, 6%, 84%
XYZ	62.8573, 66.8520, 66.1079
YIQ	213.0450, 4.1270, -3.2090

Conversions

Conversions Part 2

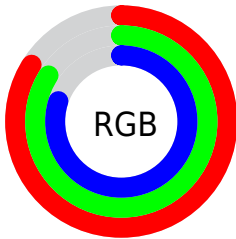
Format	Color
R_YB	204, 215, 203
Decimal	14145227
CIE Lab	85.43, -1.57, 5.52
CIE LCh	85, 5.744, 105.896
Yxy	66.8520, 0.3210, 0.3414
Android (android.graphics.Color)	4292335307 (0xFFD7D6CB)
YUV	213.0450, -4.9522, 1.7145
Hunter-Lab	81.7631, -5.8592, 9.2964

Details

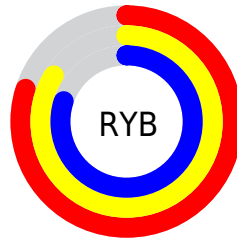
The Yxy color **66.8520, 0.3210, 0.3414** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8191, 0.3043, 0.3163**, and the grayscale version is **66.6074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4398, 0.3228, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **64.9752, 0.3364, 0.3643**, and if you desaturate by 10%, it is **68.8873, 0.3063, 0.3194**.

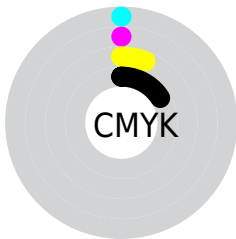
Distribution



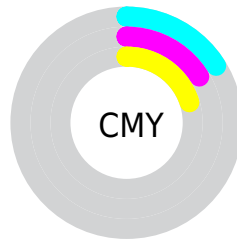
- Red (84%)
- Green (84%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8520, 0.3210, 0.3414 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 66.8520, 0.3210, 0.3414 by changing the saturation by 10% instead.

■ 66.8520, 0.3210,
0.3414

■ 66.8520, 0.3210,
0.3414

449.4178, 0.3171,
0.3356

■ 48.9644, 0.3219,
0.3428

114.7083, 0.3196,
0.3393

■ 34.5912, 0.3230,
0.3445

145.4458, 0.3191,
0.3386

■ 23.3482, 0.3245,
0.3466

181.2353, 0.3187,
0.3379

■ 14.8508, 0.3264,
0.3496

222.4613, 0.3183,
0.3373

■ 8.7147, 0.3290,
0.3536

269.5082, 0.3179,
0.3368

■ 4.5556, 0.3328,
0.3596

322.7603, 0.3176,

■ 1.9890, 0.3391,

0.3363

0.3695

382.6020, 0.3174,
0.3359

0.6010, 0.3800,
0.4287

0.0000, 0.0000,
0.0000

66.8520, 0.3210,
0.3414

66.8520, 0.3210,
0.3414

64.9752, 0.3364,
0.3643

68.8873, 0.3063,
0.3194

63.2424, 0.3524,
0.3875

71.0778, 0.2927,
0.2986

61.6501, 0.3684,
0.4104

72.5978, 0.2873,
0.2916

60.1917, 0.3839,
0.4321

73.5643, 0.2874,
0.2935

■ 58.8597, 0.3982,
0.4516

■ 74.5414, 0.2875,
0.2955

■ 57.6462, 0.4108,
0.4679

■ 75.5292, 0.2876,
0.2975

■ 56.5420, 0.4211,
0.4803

■ 76.5276, 0.2877,
0.2995

■ 55.5364, 0.4287,
0.4882

■ 77.5368, 0.2877,
0.3014

■ 54.6165, 0.4336,
0.4918

■ 78.5567, 0.2878,
0.3034

Harmonies

Analogous

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



66.8520, 0.3256, 0.3392



66.8520, 0.3210, 0.3414



66.8520, 0.3143, 0.3402

Triad

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



66.8520, 0.3210, 0.3414



66.8520, 0.2990, 0.3234



66.8520, 0.3182, 0.3223

Complementary

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



66.8520, 0.3210, 0.3414



60.8191, 0.3043, 0.3163

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.



66.8520, 0.3111, 0.3182



66.8520, 0.3210, 0.3414



66.8520, 0.3000, 0.3187

Square

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



66.8520, 0.3210, 0.3414



66.8520, 0.3016, 0.3297



66.8520, 0.3044, 0.3168



66.8520, 0.3239, 0.3282

Rectangle

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



66.8520, 0.3210, 0.3414



66.8520, 0.3095, 0.3376



66.8520, 0.3044, 0.3168



66.8520, 0.3159, 0.3207

Sweetspot

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



66.8549, 0.3210, 0.3414



99.3982, 0.3157, 0.3335



61.5465, 0.3211, 0.3277



21.2816, 0.3155, 0.3332



0.0000, 0.0000, 0.0000



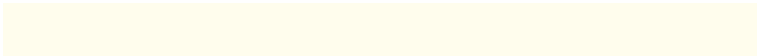
21.4041, 0.3127, 0.3290

Same Dimension

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



66.8549, 0.3210, 0.3414



97.9343, 0.3233, 0.3448



66.6593, 0.3173, 0.3427



14.4081, 0.3240, 0.3458



32.5046, 0.4350, 0.4928



2.0151, 0.4320, 0.4952

Inverse Universe

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



60.8191, 0.3043, 0.3163



86.7930, 0.3019, 0.3127



61.0176, 0.3079, 0.3153



12.6638, 0.3012, 0.3116



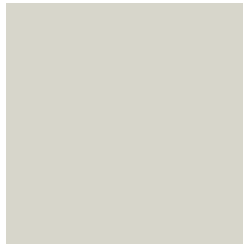
3.2648, 0.1517, 0.0660



0.2574, 0.1565, 0.0835

Previews

White Background



This preview shows how the Yxy color 66.8520, 0.3210, 0.3414 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 66.8520, 0.3210, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

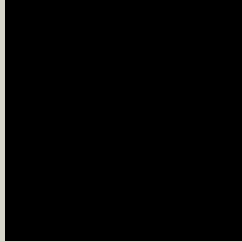
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

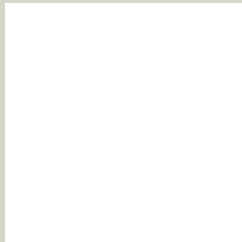
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8520, 0.3210, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 66.8520, 0.3210, 0.3414.



This preview shows how white text looks on a background with the Yxy color 66.8520, 0.3210, 0.3414.

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

66.8520, 0.3210, 0.3414

Protanopia

67.0684, 0.3256, 0.3413

Deuteranopia

66.5549, 0.3374, 0.3302



Tritanopia

66.6993, 0.3077, 0.3104

Trichromacy



Original Color

66.8520, 0.3210, 0.3414

Protanomaly

66.7582, 0.3241, 0.3414

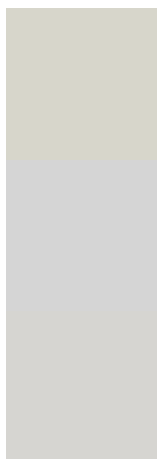
Deuteranomaly

66.6186, 0.3315, 0.3345

Tritanomaly

66.5559, 0.3131, 0.3213

Monochromacy



Original Color

66.8520, 0.3210, 0.3414

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.4881, 0.3162, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8520, 0.3210, 0.3414 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(215, 214, 203)` looks like.

```
.text, #text, p{  
    color:rgb(215, 214, 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(215, 214, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 214, 203) }
```

Border

The CSS property to change the border of an element to Yxy 66.8520, 0.3210, 0.3414 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(215, 214, 203) }
```

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

```
.border{ border-color:rgb(215, 214, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 214, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 214, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 214, 203);  
box-shadow:4px 4px 4px 4px rgb(215, 214,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8520, 0.3210, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 214, 203) }
```

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

```
.background{ background-color: rgb(215,  
214, 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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