

Converting Colors

Yxy(54.7746, 0.3136, 0.3130)

Have a look what the booklet for
Yxy(54.7746, 0.3136, 0.3130)
contains.

Yxy(54.6485, 0.3135, 0.3125)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.6485, 0.3135, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	CDBFCD
RGB	205, 191, 205
RGB Percent	80%, 75%, 80%
CMY	0.1961, 0.2509, 0.1962
CMYK	0.00, 0.07, 0.00, 0.20
HSL	300°, 12%, 78%
HSV	300°, 7%, 80%
XYZ	54.8234, 54.6485, 65.4033
YIQ	196.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

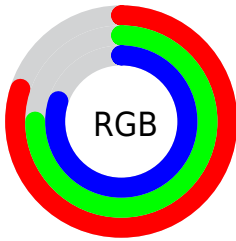
Format	Color
R _Y B	205, 191, 205
Decimal	13483981
CIE Lab	78.84, 7.42, -5.24
CIE LCh	79, 9.084, 324.808
Yxy	54.6485, 0.3135, 0.3125
Android (android.graphics.Color)	4291674061 (0xFFCDBFCD)
YUV	196.7820, 4.0515, 7.2072
Hunter-Lab	73.9246, 3.0096, -0.7084

Details

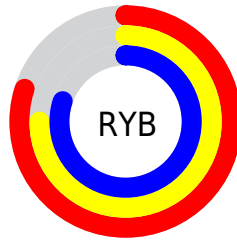
The Yxy color $54.6485, 0.3135, 0.3125$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $58.4995, 0.3119, 0.3461$, and the grayscale version is $55.6701, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $26.9906, 0.3137, 0.3086$ is the 20% darker color. If you saturate the color by 10%, you get $46.3253, 0.3147, 0.2878$, and if you desaturate by 10%, it is $64.2277, 0.3124, 0.3365$.

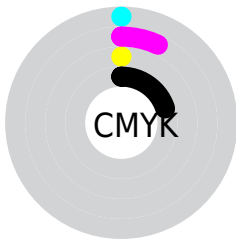
Distribution



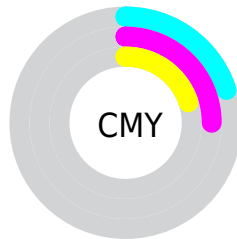
- Red (80%)
- Green (75%)
- Blue (80%)



- Red (80%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)




- Cyan (20%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6485, 0.3135, 0.3125 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 54.6485, 0.3135, 0.3125 by changing the saturation by 10% instead.

 54.6485, 0.3135,
0.3125

 54.6485, 0.3135,
0.3125


404.5781, 0.3132,
0.3204

 39.1204, 0.3136,
0.3106


 97.0258, 0.3134,
0.3153

 26.8534, 0.3136,
0.3082


124.6437, 0.3133,
0.3164

 17.4631, 0.3137,
0.3051


157.0603, 0.3133,
0.3173

 10.5652, 0.3139,
0.3010

194.6601, 0.3133,
0.3181

 5.7753, 0.3140,
0.2950

237.8273, 0.3132,
0.3188

 2.7089, 0.3141,
0.2859

286.9465, 0.3132,

 0.9817, 0.3140,

0.3194

0.2702

342.4020, 0.3132,
0.3200

0.0000, 0.2070,
0.0000

0.0000, 0.0000,
0.0000

54.6485, 0.3135,
0.3125

54.6485, 0.3135,
0.3125

46.3253, 0.3147,
0.2878

64.2277, 0.3124,
0.3365

39.1995, 0.3159,
0.2629

75.1047, 0.3113,
0.3594

33.2181, 0.3170,
0.2388

87.3277, 0.3103,
0.3807

28.3215, 0.3181,
0.2163

88.9084, 0.3101,
0.3832

■ 24.4447, 0.3191,
0.1964

■ 88.9093, 0.3101,
0.3832

■ 21.5157, 0.3199,
0.1799

■ 88.9102, 0.3101,
0.3831

■ 19.4534, 0.3205,
0.1675

■ 88.9110, 0.3101,
0.3831

■ 18.1626, 0.3209,
0.1594

■ 88.9119, 0.3101,
0.3831

■ 17.5187, 0.3211,
0.1552

■ 88.9128, 0.3101,
0.3831

Harmonies

Analogous

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



54.6485, 0.3017, 0.3087



54.6485, 0.3135, 0.3125



54.6485, 0.3253, 0.3205

Triad

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



54.6485, 0.3135, 0.3125



54.6485, 0.3327, 0.3479



54.6485, 0.2921, 0.3267

Complementary

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



54.6485, 0.3135, 0.3125



58.4995, 0.3119, 0.3461

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.



54.6485, 0.3001, 0.3377



54.6485, 0.3135, 0.3125



54.6485, 0.3235, 0.3501

Square

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



54.6485, 0.3135, 0.3125



54.6485, 0.3365, 0.3408



54.6485, 0.3116, 0.3464



54.6485, 0.2895, 0.3166

Rectangle

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



54.6485, 0.3135, 0.3125



54.6485, 0.3315, 0.3272



54.6485, 0.3116, 0.3464



54.6485, 0.2943, 0.3304

Sweetspot

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



54.6509, 0.3135, 0.3125



96.7888, 0.3129, 0.3241



52.7509, 0.3024, 0.3119



20.7504, 0.3129, 0.3244



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.



54.6509, 0.3135, 0.3125



87.6667, 0.3136, 0.3094



54.3213, 0.3188, 0.3207



11.4036, 0.3138, 0.3062



10.8187, 0.3211, 0.1543



0.5582, 0.3211, 0.1542

Inverse Universe

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



54.6509, 0.3135, 0.3125



87.6667, 0.3136, 0.3094



58.8142, 0.3070, 0.3375



11.4036, 0.3138, 0.3062



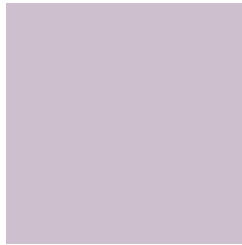
10.8187, 0.3211, 0.1543



0.5582, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 54.6485, 0.3135, 0.3125 looks on a white background.

Color Contrast Check

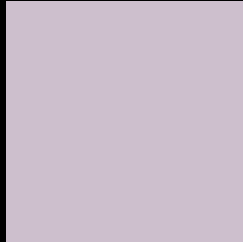
Large Text (above 18pt) WCAG AA × Fail

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 54.6485, 0.3135, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

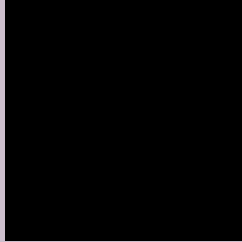
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

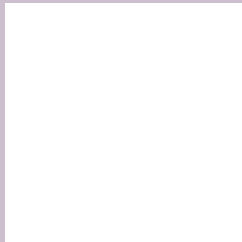
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6485, 0.3135, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 54.6485, 0.3135, 0.3125.

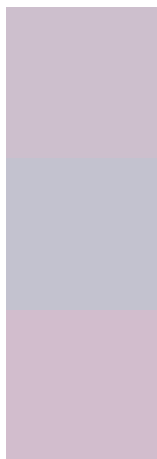


This preview shows how white text looks on a background with the Yxy color 54.6485, 0.3135, 0.3125.

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

54.6485, 0.3135, 0.3125

Protanopia

54.6907, 0.3040, 0.3133

Deuteranopia

54.5046, 0.3177, 0.3103



Tritanopia

54.6970, 0.3127, 0.3113

Trichromacy



Original Color

54.6485, 0.3135, 0.3125

Protanomaly

54.7383, 0.3079, 0.3135

Deuteranomaly

54.6446, 0.3160, 0.3114

Tritanomaly

54.6970, 0.3127, 0.3113

Monochromacy



Original Color

54.6485, 0.3135, 0.3125

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.4797, 0.3130, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6485, 0.3135, 0.3125 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(205, 191, 205)` looks like.

```
.text, #text, p{  
    color:rgb(205, 191, 205)  
}
```

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(205, 191, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 191, 205) }
```

Border

The CSS property to change the border of an element to Yxy 54.6485, 0.3135, 0.3125 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(205, 191, 205) }
```

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

```
.border{ border-color:rgb(205, 191, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 191, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 191, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 191, 205);  
box-shadow:4px 4px 4px 4px rgb(205, 191,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6485, 0.3135, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 191, 205) }
```

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

```
.background{ background-color: rgb(205,  
191, 205) }
```

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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