

Converting Colors

Yxy(54.5744, 0.3226, 0.3116)

Have a look what the booklet for
Yxy(54.5744, 0.3226, 0.3116)
contains.

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Color

Yxy(54.5744, 0.3226, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	D6BCCB
RGB	214, 188, 203
RGB Percent	84%, 74%, 80%
CMY	0.1607, 0.2628, 0.2038
CMYK	0.00, 0.12, 0.05, 0.16
HSL	325°, 24%, 79%
HSV	325°, 12%, 84%
XYZ	56.5010, 54.5744, 64.0671
YIQ	197.4840, 10.6810, 10.1770

Conversions

Conversions Part 2

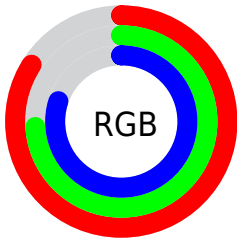
Format	Color
R_{YB}	214, 188, 203
Decimal	14073035
CIE _{Lab}	78.80, 11.81, -4.15
CIE _{LCh}	79, 12.520, 340.631
Yxy	54.5744, 0.3226, 0.3116
Android (android.graphics.Color)	4292263115 (0xFFD6BCCB)
YUV	197.4840, 2.7194, 14.4845
Hunter-Lab	73.8745, 7.2407, 0.2933

Details

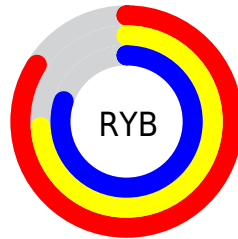
The Yxy color $54.5744, 0.3226, 0.3116$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $62.9196, 0.3039, 0.3471$, and the grayscale version is $56.1243, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.1814, 0.3132, 0.3185$, and $26.8688, 0.3249, 0.3075$ is the 20% darker color. If you saturate the color by 10%, you get $45.6819, 0.3325, 0.2966$, and if you desaturate by 10%, it is $64.8529, 0.3143, 0.3260$.

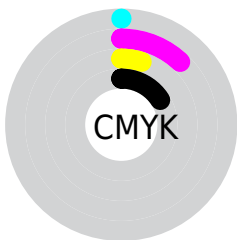
Distribution



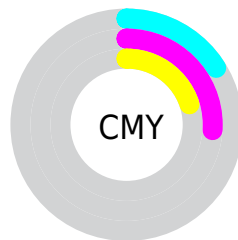
- Red (84%)
- Green (74%)
- Blue (80%)



- Red (84%)
- Yellow (74%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (16%)



- Cyan (16%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5744, 0.3226, 0.3116 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 54.5744, 0.3226, 0.3116 by changing the saturation by 10% instead.

 54.5744, 0.3226,
0.3116

 54.5744, 0.3226,
0.3116

404.2966, 0.3178,
0.3200

 39.0611, 0.3237,
0.3096


 96.9171, 0.3209,
0.3146

 26.8072, 0.3252,
0.3071

124.5153, 0.3203,
0.3157

 17.4285, 0.3270,
0.3039


156.9105, 0.3197,
0.3167

 10.5405, 0.3295,
0.2995

194.4872, 0.3192,
0.3175

 5.7588, 0.3331,
0.2933

237.6298, 0.3188,
0.3182

 2.6989, 0.3386,
0.2838

286.7226, 0.3185,

 0.9767, 0.3481,

0.3189

0.2674

342.1501, 0.3181,
0.3195

0.0000, 0.5269,
0.0000

0.0000, 0.0000,
0.0000

54.5744, 0.3226,
0.3116

54.5744, 0.3226,
0.3116

45.6819, 0.3325,
0.2966

64.8529, 0.3143,
0.3260

38.1082, 0.3442,
0.2812

76.5663, 0.3074,
0.3395

31.7915, 0.3579,
0.2662

89.7702, 0.3017,
0.3521

26.6620, 0.3736,
0.2523

92.0644, 0.2967,
0.3453

■ 22.6430, 0.3912,
0.2405

■ 92.6134, 0.2919,
0.3359

■ 19.6489, 0.4103,
0.2321

■ 93.0398, 0.2883,
0.3289

■ 17.5814, 0.4301,
0.2281

■ 16.3224, 0.4500,
0.2295

■ 15.7433, 0.4651,
0.2336

Harmonies

Analogous

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



54.5744, 0.3057, 0.3032



54.5744, 0.3226, 0.3116



54.5744, 0.3371, 0.3244

Triad

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



54.5744, 0.3226, 0.3116



54.5744, 0.3343, 0.3577



54.5744, 0.2816, 0.3179

Complementary

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



54.5744, 0.3226, 0.3116



62.9196, 0.3039, 0.3471

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.



54.5744, 0.2888, 0.3330



54.5744, 0.3226, 0.3116



54.5744, 0.3190, 0.3566

Square

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



54.5744, 0.3226, 0.3116



54.5744, 0.3439, 0.3510



54.5744, 0.3024, 0.3474



54.5744, 0.2824, 0.3064

Rectangle

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



54.5744, 0.3226, 0.3116



54.5744, 0.3432, 0.3340



54.5744, 0.3024, 0.3474



54.5744, 0.2831, 0.3227

Sweetspot

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



54.5768, 0.3226, 0.3116



93.3892, 0.3158, 0.3234



52.9409, 0.3020, 0.2981



19.7313, 0.3164, 0.3223



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.



54.5768, 0.3226, 0.3116



76.9788, 0.3254, 0.3072



53.9890, 0.3328, 0.3265



12.5398, 0.3202, 0.3156



9.5346, 0.4624, 0.2321



0.5915, 0.4314, 0.2150

Inverse Universe

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



54.5768, 0.3226, 0.3116



76.9788, 0.3254, 0.3072



63.5422, 0.2956, 0.3315



12.5398, 0.3202, 0.3156



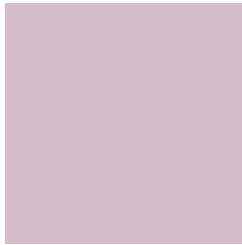
9.5346, 0.4624, 0.2321



0.5915, 0.4314, 0.2150

Previews

White Background



This preview shows how the Yxy color 54.5744, 0.3226, 0.3116 looks on a white background.

Color Contrast Check

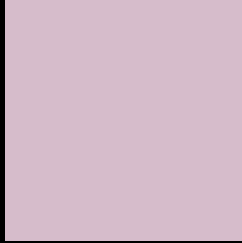
Large Text (above 18pt) WCAG AA × Fail

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 54.5744, 0.3226, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

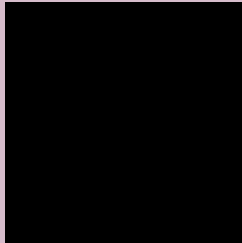
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5744, 0.3226, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 54.5744, 0.3226, 0.3116.



This preview shows how white text looks on a background with the Yxy color 54.5744, 0.3226, 0.3116.

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

54.5744, 0.3226, 0.3116

Protanopia

54.6907, 0.3040, 0.3133

Deuteranopia

54.5559, 0.3200, 0.3127



Tritanopia

54.5744, 0.3226, 0.3116

Trichromacy



Original Color

54.5744, 0.3226, 0.3116

Protanomaly

54.7121, 0.3103, 0.3124

Deuteranomaly

54.7040, 0.3209, 0.3127

Tritanomaly

54.5744, 0.3226, 0.3116

Monochromacy



Original Color

54.5744, 0.3226, 0.3116

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.4036, 0.3162, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5744, 0.3226, 0.3116 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(214, 188, 203)` looks like.

```
.text, #text, p{  
    color:rgb(214, 188, 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(214, 188, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 188, 203) }
```

Border

The CSS property to change the border of an element to Yxy 54.5744, 0.3226, 0.3116 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(214, 188, 203) }
```

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

```
.border{ border-color:rgb(214, 188, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 188, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 188, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 188, 203);  
box-shadow:4px 4px 4px 4px rgb(214, 188,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5744, 0.3226, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 188, 203) }
```

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

```
.background{ background-color: rgb(214,  
188, 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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