

Converting Colors

Yxy(54.5674, 0.3192, 0.3148)

Have a look what the booklet for
Yxy(54.5674, 0.3192, 0.3148)
contains.

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Color

Yxy(54.6465, 0.3191, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	D1BECA
RGB	209, 190, 202
RGB Percent	82%, 75%, 79%
CMY	0.1803, 0.2549, 0.2078
CMYK	0.00, 0.09, 0.03, 0.18
HSL	322°, 17%, 78%
HSV	322°, 9%, 82%
XYZ	55.3754, 54.6465, 63.5142
YIQ	197.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

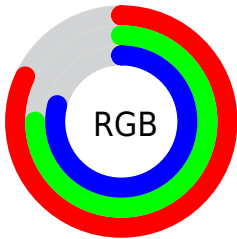
Format	Color
RYP	209, 190, 202
Decimal	13745866
CIELab	78.84, 8.82, -3.60
CIElCh	79, 9.526, 337.817
Yxy	54.6465, 0.3191, 0.3149
Android (android.graphics.Color)	4291935946 (0xFFD1BECA)
YUV	197.0490, 2.4408, 10.4810
Hunter-Lab	73.9233, 4.3472, 0.8049

Details

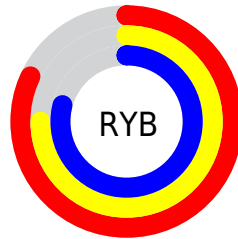
The Yxy color $54.6465, 0.3191, 0.3149$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $60.5925, 0.3068, 0.3435$, and the grayscale version is $55.8510, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.3915, 0.3131, 0.3204$, and $26.9980, 0.3212, 0.3119$ is the 20% darker color. If you saturate the color by 10%, you get $45.8785, 0.3274, 0.2987$, and if you desaturate by 10%, it is $64.7360, 0.3121, 0.3303$.

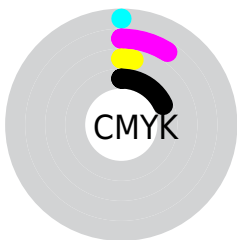
Distribution



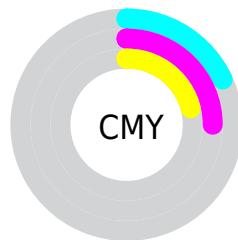
- Red (82%)
- Green (75%)
- Blue (79%)



- Red (82%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (18%)





- Cyan (18%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6465, 0.3191, 0.3149 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 54.6465, 0.3191, 0.3149 by changing the saturation by 10% instead.


 54.6465, 0.3191,
0.3149

 54.6465, 0.3191,
0.3149


404.5705, 0.3160,
0.3217

 39.1188, 0.3198,
0.3133

 97.0228, 0.3180,
0.3173

 26.8521, 0.3208,
0.3112


124.6402, 0.3176,
0.3182

 17.4622, 0.3220,
0.3086

157.0563, 0.3172,
0.3190

 10.5646, 0.3236,
0.3050

194.6554, 0.3169,
0.3197

 5.7749, 0.3259,
0.2999

237.8220, 0.3167,
0.3203

 2.7087, 0.3294,
0.2920

286.9405, 0.3164,

 0.9816, 0.3355,

0.3208

0.2784

342.3952, 0.3162,
0.3213

0.0000, 0.4552,
0.0000

0.0000, 0.0000,
0.0000

54.6465, 0.3191,
0.3149

54.6465, 0.3191,
0.3149

45.8785, 0.3274,
0.2987

64.7360, 0.3121,
0.3303

38.3697, 0.3371,
0.2821

76.1917, 0.3063,
0.3448

32.0630, 0.3485,
0.2657

89.0654, 0.3015,
0.3583

26.8947, 0.3614,
0.2501

90.9525, 0.2973,
0.3523

■ 22.7946, 0.3759,
0.2364

■ 91.4020, 0.2931,
0.3441

■ 19.6851, 0.3917,
0.2257

■ 91.8709, 0.2890,
0.3359

■ 17.4777, 0.4081,
0.2192

■ 92.2993, 0.2855,
0.3289

■ 16.0682, 0.4248,
0.2176

■ 15.2848, 0.4410,
0.2208

Harmonies

Analogous

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



54.6465, 0.3063, 0.3088



54.6465, 0.3191, 0.3149



54.6465, 0.3304, 0.3246

Triad

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



54.6465, 0.3191, 0.3149



54.6465, 0.3301, 0.3506



54.6465, 0.2892, 0.3217

Complementary

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



54.6465, 0.3191, 0.3149



60.5925, 0.3068, 0.3435

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.



54.6465, 0.2953, 0.3332



54.6465, 0.3191, 0.3149



54.6465, 0.3188, 0.3502

Square

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



54.6465, 0.3191, 0.3149



54.6465, 0.3367, 0.3451



54.6465, 0.3061, 0.3438



54.6465, 0.2892, 0.3125

Rectangle

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



54.6465, 0.3191, 0.3149



54.6465, 0.3354, 0.3319



54.6465, 0.3061, 0.3438



54.6465, 0.2906, 0.3254

Sweetspot

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



54.6489, 0.3191, 0.3149



95.0356, 0.3147, 0.3244



53.2962, 0.3041, 0.3062



20.0646, 0.3153, 0.3231



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.



54.6489, 0.3191, 0.3149



82.7429, 0.3207, 0.3117



54.2134, 0.3265, 0.3260



11.9321, 0.3193, 0.3144



9.4043, 0.4402, 0.2199



0.5409, 0.4127, 0.2047

Inverse Universe

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



54.6489, 0.3191, 0.3149



82.7429, 0.3207, 0.3117



61.0410, 0.3005, 0.3320



11.9321, 0.3193, 0.3144



9.4043, 0.4402, 0.2199



0.5409, 0.4127, 0.2047

Previews

White Background



This preview shows how the Yxy color 54.6465, 0.3191, 0.3149 looks on a white background.

Color Contrast Check

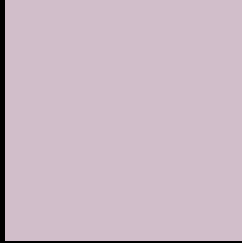
Large Text (above 18pt) WCAG AA × Fail

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 54.6465, 0.3191, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

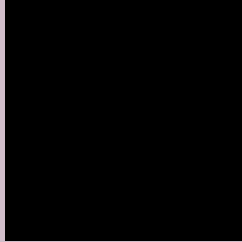
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6465, 0.3191, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 54.6465, 0.3191, 0.3149.



This preview shows how white text looks on a background with the Yxy color 54.6465, 0.3191, 0.3149.

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

54.6465, 0.3191, 0.3149

Protanopia

54.6790, 0.3069, 0.3169

Deuteranopia

54.5083, 0.3208, 0.3138



Tritanopia

54.7419, 0.3176, 0.3126

Trichromacy



Original Color

54.6465, 0.3191, 0.3149

Protanomaly

54.8692, 0.3117, 0.3171

Deuteranomaly

54.3611, 0.3200, 0.3138

Tritanomaly

54.6940, 0.3183, 0.3138

Monochromacy



Original Color

54.6465, 0.3191, 0.3149

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.1246, 0.3146, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6465, 0.3191, 0.3149 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(209, 190, 202)` looks like.

```
.text, #text, p{  
    color:rgb(209, 190, 202)  
}
```

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(209, 190, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 190, 202) }
```

Border

The CSS property to change the border of an element to Yxy 54.6465, 0.3191, 0.3149 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(209, 190, 202) }
```

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

```
.border{ border-color:rgb(209, 190, 202) }
```

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

Here you see how a box with a 4 pixel rgb(209, 190, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 190, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 190, 202);  
box-shadow:4px 4px 4px 4px rgb(209, 190,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6465, 0.3191, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 190, 202) }
```

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

```
.background{ background-color: rgb(209,  
190, 202) }
```

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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