

Converting Colors

Yxy(55.8819, 0.3249, 0.3131)

Have a look what the booklet for
Yxy(55.8819, 0.3249, 0.3131)
contains.

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Color

Yxy(56.0920, 0.3249, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	DABECC
RGB	218, 190, 204
RGB Percent	85%, 75%, 80%
CMY	0.1451, 0.2549, 0.2000
CMYK	0.00, 0.13, 0.06, 0.15
HSL	330°, 27%, 80%
HSV	330°, 13%, 85%
XYZ	58.2246, 56.0920, 64.8911
YIQ	199.9680, 12.1940, 10.2900

Conversions

Conversions Part 2

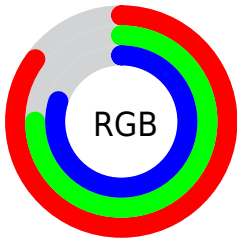
Format	Color
R _Y B	218, 190, 204
Decimal	14335692
CIE _{Lab}	79.67, 12.29, -3.37
CIE _{LCh}	80, 12.744, 344.682
Yxy	56.0920, 0.3249, 0.3130
Android (android.graphics.Color)	4292525772 (0xFFDABECC)
YUV	199.9680, 1.9878, 15.8141
Hunter-Lab	74.8946, 7.7040, 1.0554

Details

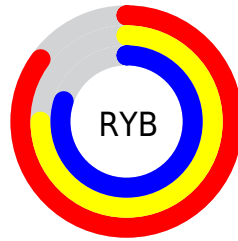
The Yxy color **56.0920, 0.3249, 0.3130** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4450, 0.3021, 0.3456**, and the grayscale version is **57.7212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **27.8799, 0.3280, 0.3094** is the 20% darker color. If you saturate the color by 10%, you get **46.8421, 0.3366, 0.2998**, and if you desaturate by 10%, it is **66.7957, 0.3152, 0.3256**.

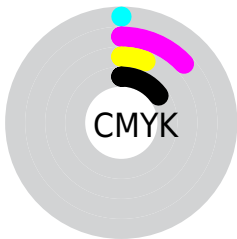
Distribution



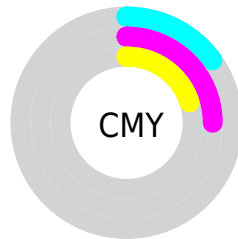
- Red (85%)
- Green (75%)
- Blue (80%)



- Red (85%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (15%)




- Cyan (15%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0920, 0.3249, 0.3130 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 56.0920, 0.3249, 0.3130 by changing the saturation by 10% instead.

 56.0920, 0.3249,
0.3130

 56.0920, 0.3249,
0.3130

410.0381, 0.3190,
0.3207

 40.2767, 0.3263,
0.3112


 99.1391, 0.3228,
0.3157

 27.7543, 0.3281,
0.3089


127.1396, 0.3220,
0.3168

 18.1406, 0.3303,
0.3059


159.9707, 0.3213,
0.3176

 11.0509, 0.3334,
0.3020

198.0168, 0.3208,
0.3184

 6.1011, 0.3378,
0.2963

241.6621, 0.3203,
0.3191

 2.9067, 0.3445,
0.2878

291.2912, 0.3198,

 1.0832, 0.3562,

0.3197

0.2732

347.2884, 0.3194,
0.3202

0.0000, 0.5759,
0.0000

0.0000, 0.0000,
0.0000

56.0920, 0.3249,
0.3130

56.0920, 0.3249,
0.3130

46.8421, 0.3366,
0.2998

66.7957, 0.3152,
0.3256

38.9753, 0.3507,
0.2864

79.0050, 0.3071,
0.3374

32.4261, 0.3672,
0.2733

92.5198, 0.3005,
0.3479

27.1209, 0.3865,
0.2612

93.1747, 0.2945,
0.3365

■ 22.9786, 0.4082,
0.2513

■ 93.6439, 0.2906,
0.3289

■ 19.9084, 0.4319,
0.2448

■ 17.8058, 0.4566,
0.2429

■ 16.5450, 0.4811,
0.2465

■ 16.0100, 0.4980,
0.2517

Harmonies

Analogous

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



56.0920, 0.3079, 0.3038



56.0920, 0.3249, 0.3130



56.0920, 0.3388, 0.3263

Triad

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



56.0920, 0.3249, 0.3130



56.0920, 0.3326, 0.3583



56.0920, 0.2809, 0.3159

Complementary

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



56.0920, 0.3249, 0.3130



65.4450, 0.3021, 0.3456

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.



56.0920, 0.2872, 0.3309



56.0920, 0.3249, 0.3130



56.0920, 0.3168, 0.3560

Square

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



56.0920, 0.3249, 0.3130



56.0920, 0.3433, 0.3525



56.0920, 0.3002, 0.3458



56.0920, 0.2829, 0.3050

Rectangle

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



56.0920, 0.3249, 0.3130



56.0920, 0.3443, 0.3360



56.0920, 0.3002, 0.3458



56.0920, 0.2821, 0.3206

Sweetspot

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



56.0945, 0.3249, 0.3130



93.3400, 0.3162, 0.3241



54.6632, 0.3028, 0.2964



19.7189, 0.3169, 0.3232



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.



56.0945, 0.3249, 0.3130



76.8067, 0.3274, 0.3100



55.4728, 0.3356, 0.3285



13.1597, 0.3214, 0.3174



9.6144, 0.4948, 0.2499



0.6403, 0.4588, 0.2301

Inverse Universe

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



56.0945, 0.3249, 0.3130



76.8067, 0.3274, 0.3100



66.1231, 0.2935, 0.3295



13.1597, 0.3214, 0.3174



9.6144, 0.4948, 0.2499



0.6403, 0.4588, 0.2301

Previews

White Background



This preview shows how the Yxy color 56.0920, 0.3249, 0.3130 looks on a white background.

Color Contrast Check

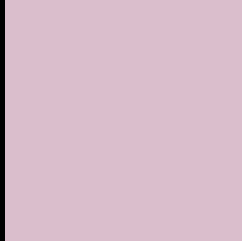
Large Text (above 18pt) WCAG AA × Fail

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 56.0920, 0.3249, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

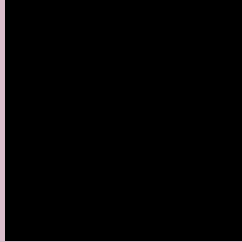
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0920, 0.3249, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 56.0920, 0.3249, 0.3130.



This preview shows how white text looks on a background with the Yxy color 56.0920, 0.3249, 0.3130.

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

56.0920, 0.3249, 0.3130

Protanopia

56.0397, 0.3056, 0.3147

Deuteranopia

56.3550, 0.3215, 0.3152



Tritanopia

56.1401, 0.3241, 0.3119

Trichromacy



Original Color

56.0920, 0.3249, 0.3130

Protanomaly

56.0677, 0.3118, 0.3137

Deuteranomaly

56.0683, 0.3224, 0.3140

Tritanomaly

56.1401, 0.3241, 0.3119

Monochromacy



Original Color

56.0920, 0.3249, 0.3130

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.9623, 0.3178, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0920, 0.3249, 0.3130 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(218, 190, 204)` looks like.

```
.text, #text, p{  
    color:rgb(218, 190, 204)  
}
```

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(218, 190, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 190, 204) }
```

Border

The CSS property to change the border of an element to Yxy 56.0920, 0.3249, 0.3130 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(218, 190, 204) }
```

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

```
.border{ border-color:rgb(218, 190, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 190, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 190, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 190, 204);  
box-shadow:4px 4px 4px 4px rgb(218, 190,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0920, 0.3249, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 190, 204) }
```

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

```
.background{ background-color: rgb(218,  
190, 204) }
```

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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