

Converting Colors

$Yxy(55.8711, 0.3488, 0.3172)$

Have a look what the booklet for
Yxy(55.8711, 0.3488, 0.3172)
contains.

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Color

Yxy(56.0089, 0.3491, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	ECB8C2
RGB	236, 184, 194
RGB Percent	93%, 72%, 76%
CMY	0.0745, 0.2784, 0.2393
CMYK	0.00, 0.22, 0.18, 0.07
HSL	348°, 58%, 82%
HSV	348°, 22%, 93%
XYZ	61.4672, 56.0089, 58.5972
YIQ	200.6880, 27.7820, 14.1340

Conversions

Conversions Part 2

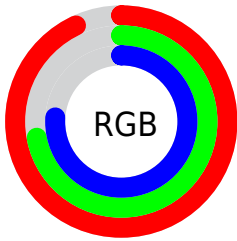
Format	Color
R _Y B	236, 184, 194
Decimal	15513794
CIE Lab	79.62, 20.24, 2.18
CIE LCh	80, 20.353, 6.148
Yxy	56.0089, 0.3491, 0.3181
Android (android.graphics.Color)	4293703874 (0xFFECB8C2)
YUV	200.6880, -3.2972, 30.9686
Hunter-Lab	74.8391, 15.6380, 5.9647

Details

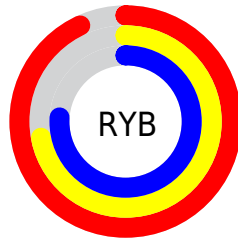
The Yxy color **56.0089, 0.3491, 0.3181** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.6729, 0.2855, 0.3403**, and the grayscale version is **58.2141, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4823, 0.3164, 0.3194**, and **27.7098, 0.3587, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **46.2078, 0.3721, 0.3128**, and if you desaturate by 10%, it is **67.5606, 0.3304, 0.3232**.

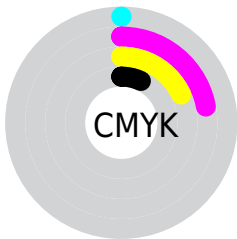
Distribution



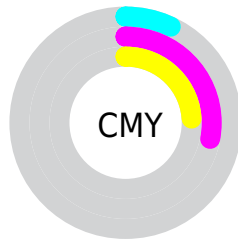
- Red (93%)
- Green (72%)
- Blue (76%)



- Red (93%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (22%)
- Yellow (18%)
- Black (7%)




- Cyan (7%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0089, 0.3491, 0.3181 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 56.0089, 0.3491, 0.3181 by changing the saturation by 10% instead.

 56.0089, 0.3491,
0.3181

 56.0089, 0.3491,
0.3181


409.7250, 0.3314,
0.3235

 40.2101, 0.3534,
0.3168


 99.0176, 0.3428,
0.3200

 27.7024, 0.3588,
0.3151


126.9962, 0.3404,
0.3208

 18.1014, 0.3658,
0.3128


159.8036, 0.3383,
0.3214

 11.0228, 0.3754,
0.3098

197.8241, 0.3366,
0.3219

 6.0822, 0.3892,
0.3053

241.4421, 0.3350,
0.3224

 2.8951, 0.4107,
0.2981

291.0420, 0.3337,

 1.0772, 0.4486,

0.3228

0.2849

347.0081, 0.3325,
0.3232

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.0089, 0.3491,
0.3181

56.0089, 0.3491,
0.3181

46.2078, 0.3721,
0.3128

67.5606, 0.3304,
0.3232

38.0644, 0.4002,
0.3078

80.9347, 0.3154,
0.3281

31.4888, 0.4337,
0.3034

96.2081, 0.3032,
0.3325

26.3797, 0.4723,
0.3005

96.5723, 0.3011,
0.3290

■ 22.6235, 0.5141,
0.2999

■ 20.0899, 0.5553,
0.3026

■ 18.6228, 0.5909,
0.3087

■ 18.0237, 0.6128,
0.3149

Harmonies

Analogous

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



56.0089, 0.3244, 0.2989



56.0089, 0.3491, 0.3181



56.0089, 0.3639, 0.3405

Triad

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



56.0089, 0.3491, 0.3181



56.0089, 0.3265, 0.3753



56.0089, 0.2635, 0.2945

Complementary

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



56.0089, 0.3491, 0.3181



75.6729, 0.2855, 0.3403

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.



56.0089, 0.2641, 0.3139



56.0089, 0.3491, 0.3181



56.0089, 0.2997, 0.3622

Square

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



56.0089, 0.3491, 0.3181



56.0089, 0.3503, 0.3745



56.0089, 0.2770, 0.3390



56.0089, 0.2754, 0.2852

Rectangle

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



56.0089, 0.3491, 0.3181



56.0089, 0.3659, 0.3548



56.0089, 0.2770, 0.3390



56.0089, 0.2622, 0.3000

Sweetspot

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



56.0115, 0.3491, 0.3181



88.2407, 0.3225, 0.3257



56.4450, 0.3071, 0.2729



18.6812, 0.3234, 0.3254



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.



56.0115, 0.3491, 0.3181



61.7628, 0.3579, 0.3160



62.4196, 0.3540, 0.3463



15.1013, 0.3263, 0.3245



9.9495, 0.6093, 0.3130



0.7944, 0.5724, 0.2927

Inverse Universe

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



56.0115, 0.3491, 0.3181



61.7628, 0.3579, 0.3160



67.6444, 0.2787, 0.3111



15.1013, 0.3263, 0.3245



9.9495, 0.6093, 0.3130



0.7944, 0.5724, 0.2927

Previews

White Background



This preview shows how the Yxy color 56.0089, 0.3491, 0.3181 looks on a white background.

Color Contrast Check

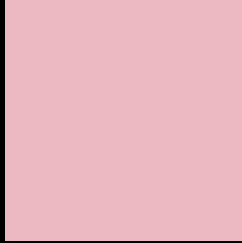
Large Text (above 18pt) WCAG AA × Fail

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 56.0089, 0.3491, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

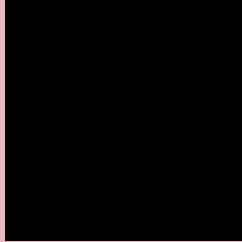
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0089, 0.3491, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 56.0089, 0.3491, 0.3181.



This preview shows how white text looks on a background with the Yxy color 56.0089, 0.3491, 0.3181.

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

56.0089, 0.3491, 0.3181

Protanopia

56.4289, 0.3122, 0.3242

Deuteranopia

56.0173, 0.3335, 0.3267



Tritanopia

55.7771, 0.3459, 0.3126

Trichromacy



Original Color

56.0089, 0.3491, 0.3181

Protanomaly

55.9226, 0.3253, 0.3220

Deuteranomaly

55.8242, 0.3398, 0.3234

Tritanomaly

55.7311, 0.3467, 0.3137

Monochromacy



Original Color

56.0089, 0.3491, 0.3181

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.4036, 0.3258, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0089, 0.3491, 0.3181 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(236, 184, 194)` looks like.

```
.text, #text, p{  
    color:rgb(236, 184, 194)  
}
```

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(236, 184, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 184, 194) }
```

Border

The CSS property to change the border of an element to Yxy 56.0089, 0.3491, 0.3181 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(236, 184, 194) }
```

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

```
.border{ border-color:rgb(236, 184, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 184, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 184, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 184, 194);  
box-shadow:4px 4px 4px 4px rgb(236, 184,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0089, 0.3491, 0.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 184, 194) }
```

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

```
.background{ background-color: rgb(236,  
184, 194) }
```

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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