

Converting Colors

$Yxy(56.9239, 0.3513, 0.3269)$

Have a look what the booklet for
Yxy(56.9239, 0.3513, 0.3269)
contains.

Yxy(56.8769, 0.3518, 0.3269)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.8769, 0.3518, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	EBBBBD
RGB	235, 187, 189
RGB Percent	92%, 73%, 74%
CMY	0.0786, 0.2666, 0.2588
CMYK	0.00, 0.20, 0.20, 0.08
HSL	358°, 54%, 83%
HSV	358°, 20%, 92%
XYZ	61.2092, 56.8769, 55.9026
YIQ	201.5800, 27.9660, 10.7980

Conversions

Conversions Part 2

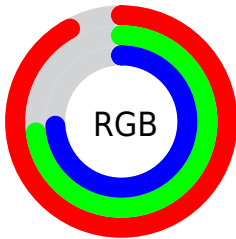
Format	Color
R _Y B	235, 187, 189
Decimal	15449021
CIE Lab	80.11, 17.51, 5.56
CIE LCh	80, 18.373, 17.614
Yxy	56.8769, 0.3518, 0.3269
Android (android.graphics.Color)	4293639101 (0xFFEBBBBD)
YUV	201.5800, -6.2019, 29.3093
Hunter-Lab	75.4168, 12.8935, 8.8431

Details

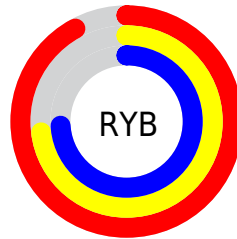
The Yxy color **56.8769, 0.3518, 0.3269** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8464, 0.2834, 0.3312**, and the grayscale version is **58.8142, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9538, 0.3193, 0.3271**, and **28.4115, 0.3624, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **46.8077, 0.3785, 0.3258**, and if you desaturate by 10%, it is **68.7342, 0.3304, 0.3280**.

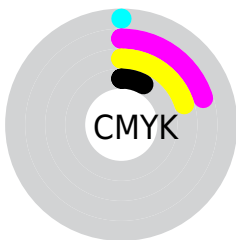
Distribution



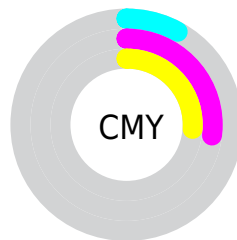
- Red (92%)
- Green (73%)
- Blue (74%)



- Red (92%)
- Yellow (73%)
- Blue (74%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (8%)





- Cyan (8%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8769, 0.3518, 0.3269 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 56.8769, 0.3518, 0.3269 by changing the saturation by 10% instead.


 56.8769, 0.3518,
0.3269

 56.8769, 0.3518,
0.3269


412.9879, 0.3328,
0.3282

 40.9064, 0.3564,
0.3265


 100.2855, 0.3450,
0.3274

 28.2460, 0.3622,
0.3260


128.4925, 0.3424,
0.3276

 18.5112, 0.3698,
0.3253


161.5471, 0.3402,
0.3277

 11.3176, 0.3801,
0.3243

199.8336, 0.3383,
0.3278

 6.2809, 0.3949,
0.3225

243.7366, 0.3367,
0.3279

 3.0166, 0.4180,
0.3194

293.6404, 0.3352,

 1.1404, 0.4591,

0.3280

0.3130

349.9293, 0.3339,
0.3281

0.0122, 0.9729,
0.0271

0.0000, 0.0000,
0.0000

56.8769, 0.3518,
0.3269

56.8769, 0.3518,
0.3269

46.8077, 0.3785,
0.3258

68.7342, 0.3304,
0.3280

38.4327, 0.4113,
0.3248

82.4521, 0.3133,
0.3290

31.6610, 0.4506,
0.3240

96.3965, 0.3005,
0.3290

26.3903, 0.4956,
0.3236

■ 22.5064, 0.5428,
0.3238

■ 19.8788, 0.5865,
0.3249

■ 18.3522, 0.6194,
0.3267

■ 17.6779, 0.6368,
0.3282

Harmonies

Analogous

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



56.8769, 0.3324, 0.3079



56.8769, 0.3518, 0.3269



56.8769, 0.3604, 0.3471

Triad

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



56.8769, 0.3518, 0.3269



56.8769, 0.3159, 0.3673



56.8769, 0.2712, 0.2936

Complementary

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



56.8769, 0.3518, 0.3269



75.8464, 0.2834, 0.3312

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.



56.8769, 0.2673, 0.3080



56.8769, 0.3518, 0.3269



56.8769, 0.2925, 0.3515

Square

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



56.8769, 0.3518, 0.3269



56.8769, 0.3391, 0.3715



56.8769, 0.2749, 0.3293



56.8769, 0.2858, 0.2889

Rectangle

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



56.8769, 0.3518, 0.3269



56.8769, 0.3587, 0.3589



56.8769, 0.2749, 0.3293



56.8769, 0.2686, 0.2974

Sweetspot

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



56.8795, 0.3518, 0.3269



89.7150, 0.3225, 0.3284



58.7958, 0.3132, 0.2781



18.9738, 0.3236, 0.3283



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.



56.8795, 0.3518, 0.3269



63.7559, 0.3610, 0.3265



66.6476, 0.3488, 0.3527



15.0642, 0.3286, 0.3281



9.8463, 0.6356, 0.3275



0.7768, 0.6236, 0.3209

Inverse Universe

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



56.8795, 0.3518, 0.3269



63.7559, 0.3610, 0.3265



64.3482, 0.2806, 0.3041



15.0642, 0.3286, 0.3281



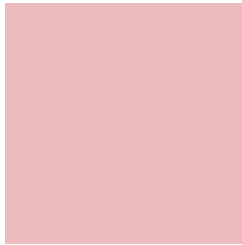
9.8463, 0.6356, 0.3275



0.7768, 0.6236, 0.3209

Previews

White Background



This preview shows how the Yxy color 56.8769, 0.3518, 0.3269 looks on a white background.

Color Contrast Check

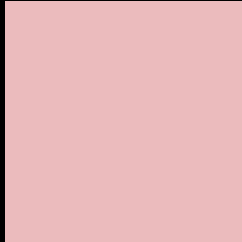
Large Text (above 18pt) WCAG AA × Fail

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 56.8769, 0.3518, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

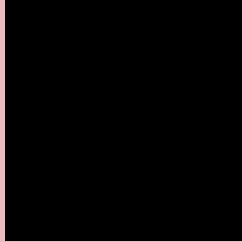
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8769, 0.3518, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 56.8769, 0.3518, 0.3269.



This preview shows how white text looks on a background with the Yxy color 56.8769, 0.3518, 0.3269.

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

56.8769, 0.3518, 0.3269

Protanopia

57.0248, 0.3189, 0.3326

Deuteranopia

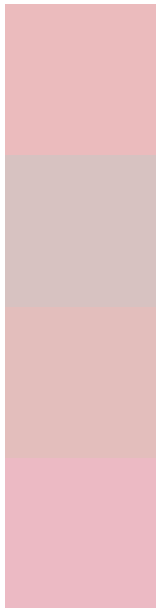
56.8597, 0.3407, 0.3337



Tritanopia

56.7009, 0.3439, 0.3126

Trichromacy



Original Color

56.8769, 0.3518, 0.3269

Protanomaly

56.8809, 0.3306, 0.3302

Deuteranomaly

56.7886, 0.3453, 0.3314

Tritanomaly

56.9362, 0.3470, 0.3181

Monochromacy



Original Color

56.8769, 0.3518, 0.3269

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.2599, 0.3263, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8769, 0.3518, 0.3269 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(235, 187, 189)` looks like.

```
.text, #text, p{  
    color:rgb(235, 187, 189)  
}
```

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(235, 187, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 187, 189) }
```

Border

The CSS property to change the border of an element to Yxy 56.8769, 0.3518, 0.3269 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(235, 187, 189) }
```

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

```
.border{ border-color:rgb(235, 187, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 187, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 187, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 187, 189);  
box-shadow:4px 4px 4px 4px rgb(235, 187,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8769, 0.3518, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 187, 189) }
```

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

```
.background{ background-color: rgb(235,  
187, 189) }
```

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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