

Converting Colors

Yxy(56.3662, 0.3438, 0.3234)

Have a look what the booklet for
Yxy(56.3662, 0.3438, 0.3234)
contains.

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Color

Yxy(56.4747, 0.3432, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	E5BCC1
RGB	229, 188, 193
RGB Percent	90%, 74%, 76%
CMY	0.1021, 0.2627, 0.2432
CMYK	0.00, 0.18, 0.16, 0.10
HSL	353°, 44%, 82%
HSV	353°, 18%, 90%
XYZ	59.9138, 56.4747, 58.1855
YIQ	200.8290, 22.8310, 10.2470

Conversions

Conversions Part 2

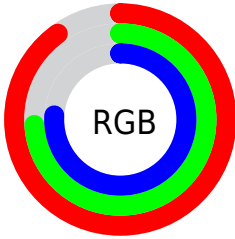
Format	Color
R _Y B	229, 188, 193
Decimal	15056065
CIE Lab	79.88, 15.42, 3.02
CIE LCh	80, 15.715, 11.069
Yxy	56.4747, 0.3432, 0.3235
Android (android.graphics.Color)	4293246145 (0xFFE5BCC1)
YUV	200.8290, -3.8597, 24.7060
Hunter-Lab	75.1497, 10.7990, 6.6988

Details

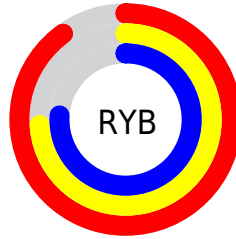
The Yxy color **56.4747, 0.3432, 0.3235** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.0992, 0.2887, 0.3346**, and the grayscale version is **58.3106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8009, 0.3168, 0.3242**, and **28.1056, 0.3506, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **46.6193, 0.3662, 0.3202**, and if you desaturate by 10%, it is **68.0094, 0.3247, 0.3267**.

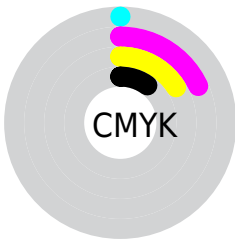
Distribution



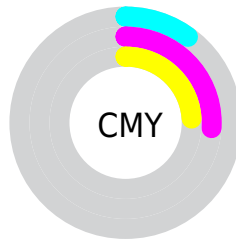
- Red (90%)
- Green (74%)
- Blue (76%)



- Red (90%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (18%)
- Yellow (16%)
- Black (10%)




- Cyan (10%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4747, 0.3432, 0.3235 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 56.4747, 0.3432, 0.3235 by changing the saturation by 10% instead.


 56.4747, 0.3432,
0.3235

 56.4747, 0.3432,
0.3235


411.4780, 0.3284,
0.3263

 40.5836, 0.3468,
0.3228


 99.6983, 0.3379,
0.3245

 27.9939, 0.3513,
0.3219


127.7996, 0.3359,
0.3249

 18.3211, 0.3572,
0.3207


160.7399, 0.3342,
0.3252

 11.1807, 0.3653,
0.3190

198.9034, 0.3327,
0.3255

 6.1885, 0.3768,
0.3165

242.6745, 0.3314,
0.3257

 2.9601, 0.3949,
0.3124

292.4378, 0.3303,

 1.1109, 0.4268,

0.3259

0.3045

348.5775, 0.3293,
0.3261

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.4747, 0.3432,
0.3235

56.4747, 0.3432,
0.3235

46.6193, 0.3662,
0.3202

68.0094, 0.3247,
0.3267

38.3576, 0.3945,
0.3170

81.2886, 0.3098,
0.3296

31.6080, 0.4287,
0.3141

95.2874, 0.2979,
0.3306

26.2789, 0.4687,
0.3120

95.3935, 0.2970,
0.3290

■ 22.2682, 0.5127,
0.3114

■ 19.4607, 0.5569,
0.3128

■ 17.7208, 0.5954,
0.3165

■ 16.8630, 0.6227,
0.3219

■ 16.7362, 0.6270,
0.3228

Harmonies

Analogous

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



56.4747, 0.3252, 0.3077



56.4747, 0.3432, 0.3235



56.4747, 0.3529, 0.3411

Triad

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



56.4747, 0.3432, 0.3235



56.4747, 0.3201, 0.3634



56.4747, 0.2754, 0.3007

Complementary

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



56.4747, 0.3432, 0.3235



72.0992, 0.2887, 0.3346

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.



56.4747, 0.2742, 0.3148



56.4747, 0.3432, 0.3235



56.4747, 0.2996, 0.3518

Square

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



56.4747, 0.3432, 0.3235



56.4747, 0.3392, 0.3648



56.4747, 0.2829, 0.3336



56.4747, 0.2862, 0.2946

Rectangle

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



56.4747, 0.3432, 0.3235



56.4747, 0.3531, 0.3517



56.4747, 0.2829, 0.3336



56.4747, 0.2738, 0.3046

Sweetspot

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



56.4772, 0.3432, 0.3235



91.4325, 0.3201, 0.3275



57.3992, 0.3105, 0.2842



19.3224, 0.3212, 0.3273



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.



56.4772, 0.3432, 0.3235



67.7948, 0.3501, 0.3224



63.0134, 0.3444, 0.3458



14.3963, 0.3273, 0.3262



9.5808, 0.6246, 0.3214



0.7174, 0.5931, 0.3041

Inverse Universe

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



56.4772, 0.3432, 0.3235



67.7948, 0.3501, 0.3224



64.4201, 0.2849, 0.3115



14.3963, 0.3273, 0.3262



9.5808, 0.6246, 0.3214



0.7174, 0.5931, 0.3041

Previews

White Background



This preview shows how the Yxy color 56.4747, 0.3432, 0.3235 looks on a white background.

Color Contrast Check

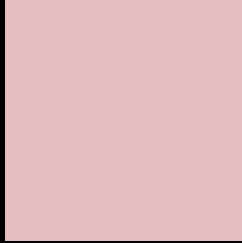
Large Text (above 18pt) WCAG AA × Fail

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 56.4747, 0.3432, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

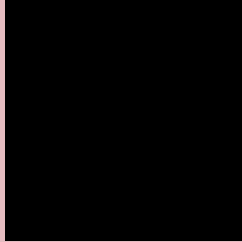
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4747, 0.3432, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 56.4747, 0.3432, 0.3235.



This preview shows how white text looks on a background with the Yxy color 56.4747, 0.3432, 0.3235.

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

56.4747, 0.3432, 0.3235

Protanopia

56.5663, 0.3159, 0.3278

Deuteranopia

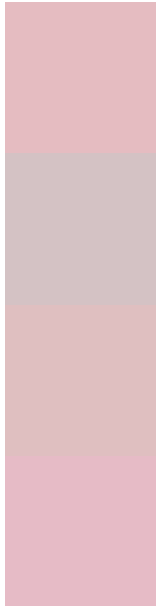
56.7207, 0.3358, 0.3291



Tritanopia

56.5807, 0.3377, 0.3135

Trichromacy



Original Color

56.4747, 0.3432, 0.3235

Protanomaly

56.5661, 0.3258, 0.3267

Deuteranomaly

56.7553, 0.3385, 0.3279

Tritanomaly

56.4409, 0.3401, 0.3168

Monochromacy



Original Color

56.4747, 0.3432, 0.3235

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.4060, 0.3232, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4747, 0.3432, 0.3235 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(229, 188, 193)` looks like.

```
.text, #text, p{  
    color:rgb(229, 188, 193)  
}
```

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(229, 188, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 188, 193) }
```

Border

The CSS property to change the border of an element to Yxy 56.4747, 0.3432, 0.3235 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(229, 188, 193) }
```

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

```
.border{ border-color:rgb(229, 188, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 188, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 188, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 188, 193);  
box-shadow:4px 4px 4px 4px rgb(229, 188,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4747, 0.3432, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 188, 193) }
```

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

```
.background{ background-color: rgb(229,  
188, 193) }
```

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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