

Converting Colors

$Yxy(56.7775, 0.3464, 0.3379)$

Have a look what the booklet for
Yxy(56.7775, 0.3464, 0.3379)
contains.

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Color

Yxy(56.5696, 0.3458, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	E0BFB8
RGB	224, 191, 184
RGB Percent	88%, 75%, 72%
CMY	0.1215, 0.2510, 0.2784
CMYK	0.00, 0.15, 0.18, 0.12
HSL	10°, 39%, 80%
HSV	10°, 18%, 88%
XYZ	58.0296, 56.5696, 53.2133
YIQ	200.0690, 21.9150, 4.8190

Conversions

Conversions Part 2

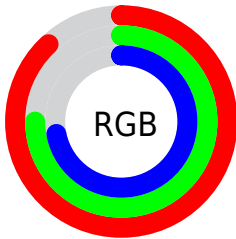
Format	Color
R _Y B	224, 192, 184
Decimal	14729144
CIE Lab	79.94, 10.65, 7.87
CIE LCh	80, 13.242, 36.469
Yxy	56.5696, 0.3458, 0.3371
Android (android.graphics.Color)	4292919224 (0xFFE0BFB8)
YUV	200.0690, -7.9220, 20.9875
Hunter-Lab	75.2128, 6.0973, 10.7010

Details

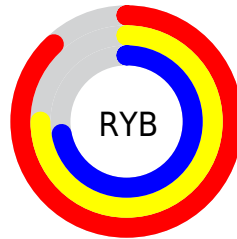
The Yxy color $56.5696, 0.3458, 0.3371$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $65.2220, 0.2855, 0.3208$, and the grayscale version is $57.8463, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.0728, 0.3221, 0.3358$, and $28.1405, 0.3541, 0.3397$ is the 20% darker color. If you saturate the color by 10%, you get $48.1430, 0.3700, 0.3420$, and if you desaturate by 10%, it is $66.1684, 0.3259, 0.3324$.

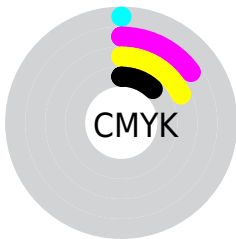
Distribution



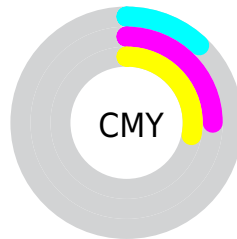
- Red (88%)
- Green (75%)
- Blue (72%)



- Red (88%)
- Yellow (75%)
- Blue (72%)



- Cyan (0%)
- Magenta (15%)
- Yellow (18%)
- Black (12%)





- Cyan (12%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5696, 0.3458, 0.3371 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 56.5696, 0.3458, 0.3371 by changing the saturation by 10% instead.


 56.5696, 0.3458,
0.3371

 56.5696, 0.3458,
0.3371


411.8346, 0.3297,
0.3334

 40.6598, 0.3497,
0.3379


 99.8369, 0.3400,
0.3358

 28.0533, 0.3546,
0.3389


127.9632, 0.3378,
0.3353

 18.3659, 0.3611,
0.3402


160.9304, 0.3360,
0.3349

 11.2130, 0.3699,
0.3418

199.1230, 0.3344,
0.3345

 6.2103, 0.3825,
0.3439

242.9253, 0.3330,
0.3342

 2.9734, 0.4022,
0.3467

292.7217, 0.3317,

 1.1178, 0.4416,

0.3339

0.3536

348.8967, 0.3307,
0.3336

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.5696, 0.3458,
0.3371

56.5696, 0.3458,
0.3371

48.1430, 0.3700,
0.3420

66.1684, 0.3259,
0.3324

40.8362, 0.3991,
0.3469

76.9742, 0.3095,
0.3281

34.6040, 0.4334,
0.3514

89.0296, 0.2960,
0.3241

29.3954, 0.4726,
0.3548

94.5914, 0.2941,
0.3289

■ 25.1548, 0.5150,
0.3565

■ 21.8215, 0.5569,
0.3555

■ 19.3278, 0.5932,
0.3512

■ 17.5937, 0.6192,
0.3443

■ 17.3091, 0.6237,
0.3430

Harmonies

Analogous

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



56.5696, 0.3364, 0.3222



56.5696, 0.3458, 0.3371



56.5696, 0.3460, 0.3504

Triad

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



56.5696, 0.3458, 0.3371



56.5696, 0.3042, 0.3500



56.5696, 0.2885, 0.3002

Complementary

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



56.5696, 0.3458, 0.3371



65.2220, 0.2855, 0.3208

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.



56.5696, 0.2804, 0.3066



56.5696, 0.3458, 0.3371



56.5696, 0.2893, 0.3354

Square

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



56.5696, 0.3458, 0.3371



56.5696, 0.3217, 0.3586



56.5696, 0.2807, 0.3194



56.5696, 0.3031, 0.3013

Rectangle

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



56.5696, 0.3458, 0.3371



56.5696, 0.3410, 0.3566



56.5696, 0.2807, 0.3194



56.5696, 0.2849, 0.3016

Sweetspot

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



56.5721, 0.3458, 0.3371



92.6737, 0.3209, 0.3312



55.1654, 0.3199, 0.2919



19.6228, 0.3221, 0.3315



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.



56.5721, 0.3458, 0.3371



71.9858, 0.3532, 0.3387



65.7459, 0.3420, 0.3591



14.0853, 0.3288, 0.3332



10.1892, 0.6216, 0.3447



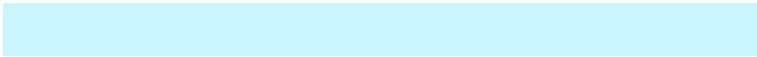
0.8230, 0.5937, 0.3668

Inverse Universe

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



65.2220, 0.2855, 0.3208



85.4008, 0.2806, 0.3191



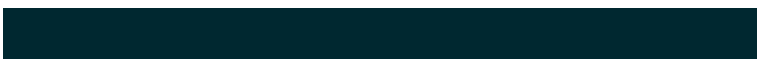
55.6663, 0.2843, 0.2970



15.1439, 0.2982, 0.3248



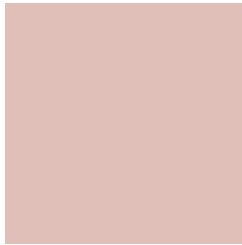
23.4567, 0.2090, 0.2725



1.7343, 0.2117, 0.2821

Previews

White Background



This preview shows how the Yxy color 56.5696, 0.3458, 0.3371 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 56.5696, 0.3458, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

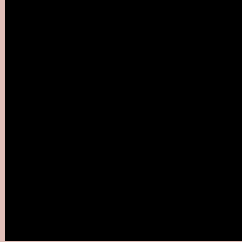
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5696, 0.3458, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 56.5696, 0.3458, 0.3371.



This preview shows how white text looks on a background with the Yxy color 56.5696, 0.3458, 0.3371.

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

56.5696, 0.3458, 0.3371

Protanopia

56.8564, 0.3249, 0.3410

Deuteranopia

56.4103, 0.3449, 0.3371



Tritanopia

56.4470, 0.3326, 0.3122

Trichromacy



Original Color

56.5696, 0.3458, 0.3371

Protanomaly

56.4670, 0.3318, 0.3385

Deuteranomaly

56.4103, 0.3449, 0.3371

Tritanomaly

56.3883, 0.3372, 0.3211

Monochromacy



Original Color

56.5696, 0.3458, 0.3371

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.3829, 0.3245, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5696, 0.3458, 0.3371 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(224, 191, 184)` looks like.

```
.text, #text, p{  
    color:rgb(224, 191, 184)  
}
```

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(224, 191, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 191, 184) }
```

Border

The CSS property to change the border of an element to Yxy 56.5696, 0.3458, 0.3371 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(224, 191, 184) }
```

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

```
.border{ border-color:rgb(224, 191, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 191, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 191, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 191, 184);  
box-shadow:4px 4px 4px 4px rgb(224, 191,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5696, 0.3458, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 191, 184) }
```

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

```
.background{ background-color: rgb(224,  
191, 184) }
```

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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