

Converting Colors

$Yxy(68.3681, 0.3560, 0.3578)$

Have a look what the booklet for
Yxy(68.3681, 0.3560, 0.3578)
contains.

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Color

Yxy(68.2547, 0.3556, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	F1D2B8
RGB	241, 210, 184
RGB Percent	95%, 82%, 72%
CMY	0.0547, 0.1765, 0.2784
CMYK	0.00, 0.13, 0.24, 0.05
HSL	27°, 67%, 83%
HSV	27°, 24%, 95%
XYZ	67.9870, 68.2547, 54.9479
YIQ	216.3050, 26.8220, -1.5140

Conversions

Conversions Part 2

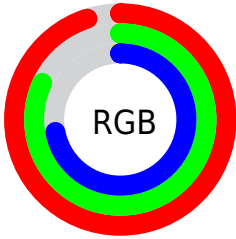
Format	Color
R _Y B	241, 232, 184
Decimal	15848120
CIE Lab	86.13, 6.93, 16.86
CIE LCh	86, 18.231, 67.653
Yxy	68.2547, 0.3556, 0.3570
Android (android.graphics.Color)	4294038200 (0xFFFF1D2B8)
YUV	216.3050, -15.9264, 21.6575
Hunter-Lab	82.6164, 2.3133, 18.3979

Details

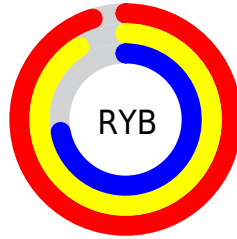
The Yxy color **68.2547, 0.3556, 0.3570** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.1863, 0.2753, 0.2992**, and the grayscale version is **68.9907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **35.6060, 0.3655, 0.3640** is the 20% darker color. If you saturate the color by 10%, you get **61.1132, 0.3783, 0.3695**, and if you desaturate by 10%, it is **76.1064, 0.3357, 0.3448**.

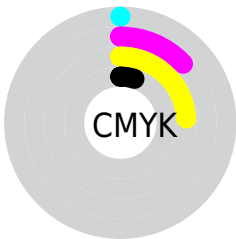
Distribution



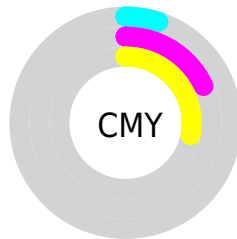
- Red (95%)
- Green (82%)
- Blue (72%)



- Red (95%)
- Yellow (91%)
- Blue (72%)



- Cyan (0%)
- Magenta (13%)
- Yellow (24%)
- Black (5%)




- Cyan (5%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.2547, 0.3556, 0.3570 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 68.2547, 0.3556, 0.3570 by changing the saturation by 10% instead.

 68.2547, 0.3556,
0.3570

 68.2547, 0.3556,
0.3570

454.3979, 0.3354,
0.3442

 50.1050, 0.3603,
0.3599


 116.7164, 0.3485,
0.3526

 35.4968, 0.3661,
0.3634


147.7972, 0.3458,
0.3509

 24.0458, 0.3735,
0.3678


183.9572, 0.3435,
0.3494

 15.3676, 0.3833,
0.3735

225.5807, 0.3414,
0.3481

 9.0778, 0.3966,
0.3810

273.0521, 0.3397,
0.3469

 4.7920, 0.4160,
0.3912

326.7558, 0.3381,

 2.1257, 0.4472,

0.3459

0.4064

387.0763, 0.3367,
0.3450

0.6790, 0.5454,
0.4546

0.0000, 0.0000,
0.0000

68.2547, 0.3556,
0.3570

68.2547, 0.3556,
0.3570

61.1132, 0.3783,
0.3695

76.1064, 0.3357,
0.3448

54.6512, 0.4037,
0.3817

84.6794, 0.3184,
0.3331

48.8491, 0.4316,
0.3927

93.9102, 0.3043,
0.3235

43.6827, 0.4612,
0.4015

97.4489, 0.3042,
0.3290

■ 39.1260, 0.4910,
0.4067

■ 35.1503, 0.5190,
0.4071

■ 31.7233, 0.5432,
0.4020

■ 29.8110, 0.5564,
0.3964

Harmonies

Analogous

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



68.2547, 0.3559, 0.3399



68.2547, 0.3556, 0.3570



68.2547, 0.3435, 0.3674

Triad

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



68.2547, 0.3556, 0.3570



68.2547, 0.2820, 0.3364



68.2547, 0.3010, 0.2938

Complementary

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



68.2547, 0.3556, 0.3570



65.1863, 0.2753, 0.2992

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.



68.2547, 0.2821, 0.2919



68.2547, 0.3556, 0.3570



68.2547, 0.2714, 0.3156

Square

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



68.2547, 0.3556, 0.3570



68.2547, 0.3008, 0.3558



68.2547, 0.2714, 0.2995



68.2547, 0.3237, 0.3043

Rectangle

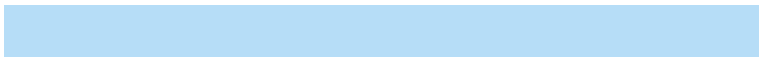
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.2547, 0.3556, 0.3570



68.2547, 0.3306, 0.3686



68.2547, 0.2714, 0.2995



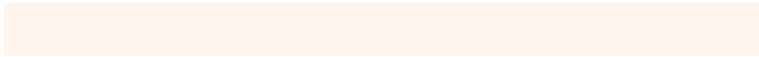
68.2547, 0.2940, 0.2921

Sweetspot

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



68.2578, 0.3556, 0.3570



92.8567, 0.3240, 0.3369



57.9237, 0.3356, 0.2956



19.7475, 0.3250, 0.3376



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.



68.2578, 0.3556, 0.3570



73.8744, 0.3653, 0.3625



83.4331, 0.3491, 0.3854



16.9446, 0.3282, 0.3398



16.4211, 0.5537, 0.3986



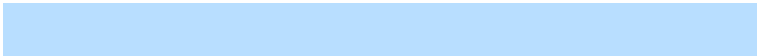
1.5625, 0.5316, 0.4161

Inverse Universe

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



65.1863, 0.2753, 0.2992



69.8618, 0.2682, 0.2929



52.0318, 0.2726, 0.2656



16.6554, 0.2980, 0.3180



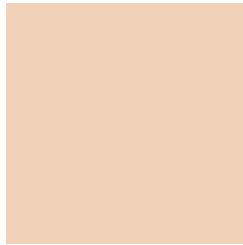
12.5566, 0.1814, 0.1730



1.2433, 0.1876, 0.1952

Previews

White Background



This preview shows how the Yxy color 68.2547, 0.3556, 0.3570 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 68.2547, 0.3556, 0.3570 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 68.2547, 0.3556, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 68.2547, 0.3556, 0.3570.



This preview shows how white text looks on a background with the Yxy color 68.2547, 0.3556, 0.3570.

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

68.2547, 0.3556, 0.3570

Protanopia

68.3575, 0.3406, 0.3602

Deuteranopia

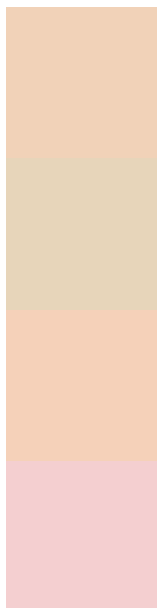
68.3887, 0.3601, 0.3535



Tritanopia

68.2956, 0.3318, 0.3124

Trichromacy



Original Color

68.2547, 0.3556, 0.3570

Protanomaly

68.1226, 0.3455, 0.3588

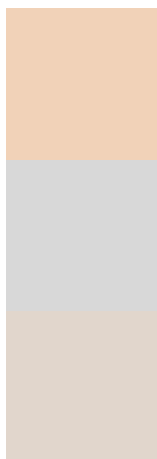
Deuteranomaly

68.5162, 0.3582, 0.3546

Tritanomaly

68.4128, 0.3405, 0.3280

Monochromacy



Original Color

68.2547, 0.3556, 0.3570

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.4603, 0.3278, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2547, 0.3556, 0.3570 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(241, 210, 184)` looks like.

```
.text, #text, p{  
    color:rgb(241, 210, 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(241, 210, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 210, 184) }
```

Border

The CSS property to change the border of an element to Yxy 68.2547, 0.3556, 0.3570 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(241, 210, 184) }
```

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

```
.border{ border-color:rgb(241, 210, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 210, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 210, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 210, 184); box-shadow:4px 4px 4px 4px rgb(241, 210, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2547, 0.3556, 0.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 210, 184) }
```

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

```
.background{ background-color: rgb(241,  
210, 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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