

Converting Colors

$Yxy(56.2887, 0.3711, 0.3517)$

Have a look what the booklet for
Yxy(56.2887, 0.3711, 0.3517)
contains.

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Color

Yxy(56.1635, 0.3714, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	ECBBA7
RGB	236, 187, 167
RGB Percent	93%, 73%, 65%
CMY	0.0744, 0.2667, 0.3451
CMYK	0.00, 0.21, 0.29, 0.07
HSL	17°, 65%, 79%
HSV	17°, 29%, 93%
XYZ	59.3432, 56.1635, 44.2757
YIQ	199.3710, 35.6240, 4.1680

Conversions

Conversions Part 2

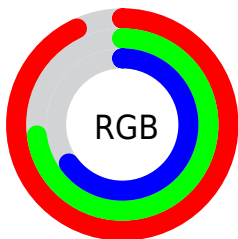
Format	Color
R_{YB}	236, 195, 167
Decimal	15514535
CIE _{Lab}	79.71, 14.82, 16.84
CIE _{LCh}	80, 22.431, 48.655
Yxy	56.1635, 0.3714, 0.3515
Android (android.graphics.Color)	4293704615 (0xFFECBBA7)
YUV	199.3710, -15.9589, 32.1236
Hunter-Lab	74.9423, 10.1964, 17.4313

Details

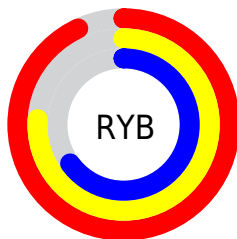
The Yxy color **56.1635, 0.3714, 0.3515** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.4027, 0.2679, 0.3052**, and the grayscale version is **57.4382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6351, 0.3337, 0.3497**, and **27.8717, 0.3869, 0.3569** is the 20% darker color. If you saturate the color by 10%, you get **48.6679, 0.3990, 0.3595**, and if you desaturate by 10%, it is **64.6542, 0.3479, 0.3435**.

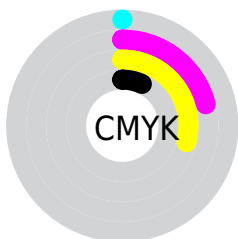
Distribution



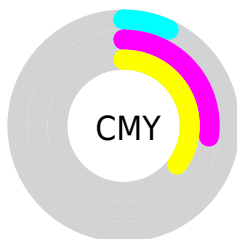
- Red (93%)
- Green (73%)
- Blue (65%)



- Red (93%)
- Yellow (76%)
- Blue (65%)



- Cyan (0%)
- Magenta (21%)
- Yellow (29%)
- Black (7%)





- Cyan (7%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1635, 0.3714, 0.3515 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 56.1635, 0.3714, 0.3515 by changing the saturation by 10% instead.


 56.1635, 0.3714,
0.3515


 56.1635, 0.3714,
0.3515


410.3074, 0.3427,
0.3413

 40.3340, 0.3783,
0.3537


 99.2436, 0.3611,
0.3480

 27.7991, 0.3871,
0.3565


 127.2630, 0.3572,
0.3466

 18.1743, 0.3985,
0.3598


160.1145, 0.3539,
0.3454

 11.0752, 0.4139,
0.3639

198.1825, 0.3511,
0.3444

 6.1174, 0.4358,
0.3689

241.8514, 0.3486,
0.3435

 2.9166, 0.4691,
0.3746

291.5056, 0.3464,

 1.0884, 0.5807,

0.3427

0.4193

347.5294, 0.3445,
0.3419

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.1635, 0.3714,
0.3515

56.1635, 0.3714,
0.3515

48.6679, 0.3990,
0.3595

64.6542, 0.3479,
0.3435

42.1225, 0.4307,
0.3669

74.1672, 0.3282,
0.3357

36.4903, 0.4662,
0.3729

84.7384, 0.3116,
0.3285

31.7287, 0.5039,
0.3762

95.9795, 0.3012,
0.3280

■ 27.7916, 0.5410,
0.3757

■ 96.5765, 0.3011,
0.3290

■ 24.6279, 0.5739,
0.3706

■ 22.1749, 0.5995,
0.3615

■ 22.0142, 0.6013,
0.3608

Harmonies

Analogous

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



56.1635, 0.3614, 0.3270



56.1635, 0.3714, 0.3515



56.1635, 0.3648, 0.3717

Triad

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



56.1635, 0.3714, 0.3515



56.1635, 0.2870, 0.3558



56.1635, 0.2806, 0.2803

Complementary

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



56.1635, 0.3714, 0.3515



63.4027, 0.2679, 0.3052

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.



56.1635, 0.2626, 0.2853



56.1635, 0.3714, 0.3515



56.1635, 0.2661, 0.3281

Square

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



56.1635, 0.3714, 0.3515



56.1635, 0.3153, 0.3760



56.1635, 0.2574, 0.3022



56.1635, 0.3079, 0.2873

Rectangle

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



56.1635, 0.3714, 0.3515



56.1635, 0.3521, 0.3797



56.1635, 0.2574, 0.3022



56.1635, 0.2733, 0.2806

Sweetspot

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



56.1661, 0.3714, 0.3515



88.6447, 0.3278, 0.3356



50.4593, 0.3324, 0.2755



18.6016, 0.3305, 0.3367



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.



56.1661, 0.3714, 0.3515



61.5275, 0.3872, 0.3563



72.3760, 0.3611, 0.3874



15.7647, 0.3286, 0.3359



12.3250, 0.5984, 0.3630



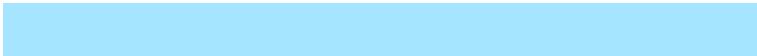
1.1281, 0.5712, 0.3846

Inverse Universe

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



63.4027, 0.2679, 0.3052



71.4221, 0.2592, 0.2997



47.7140, 0.2633, 0.2628



16.3420, 0.2981, 0.3220



18.9370, 0.1978, 0.2320



1.6510, 0.2020, 0.2470

Previews

White Background



This preview shows how the Yxy color 56.1635, 0.3714, 0.3515 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 56.1635, 0.3714, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

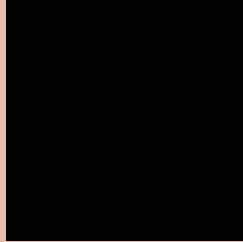
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1635, 0.3714, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 56.1635, 0.3714, 0.3515.



This preview shows how white text looks on a background with the Yxy color 56.1635, 0.3714, 0.3515.

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

56.1635, 0.3714, 0.3515

Protanopia

56.1765, 0.3398, 0.3592

Deuteranopia

56.0741, 0.3643, 0.3566



Tritanopia

56.2489, 0.3493, 0.3138

Trichromacy



Original Color

56.1635, 0.3714, 0.3515

Protanomaly

55.9476, 0.3516, 0.3561

Deuteranomaly

56.1373, 0.3673, 0.3552

Tritanomaly

56.0033, 0.3576, 0.3269

Monochromacy



Original Color

56.1635, 0.3714, 0.3515

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.6151, 0.3326, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1635, 0.3714, 0.3515 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, 187, 167)` looks like.

```
.text, #text, p{  
    color:rgb(236, 187, 167)  
}
```

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, 187, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 187, 167) }
```

Border

The CSS property to change the border of an element to Yxy 56.1635, 0.3714, 0.3515 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, 187, 167) }
```

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

```
.border{ border-color:rgb(236, 187, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 187, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 187, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 187, 167);  
box-shadow:4px 4px 4px 4px rgb(236, 187,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1635, 0.3714, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 187, 167) }
```

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

```
.background{ background-color: rgb(236,  
187, 167) }
```

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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