

Converting Colors

$Yxy(55.0281, 0.3514, 0.3407)$

Have a look what the booklet for
Yxy(55.0281, 0.3514, 0.3407)
contains.

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Color

Yxy(55.0281, 0.3514, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	E0BCB2
RGB	224, 188, 178
RGB Percent	88%, 74%, 70%
CMY	0.1216, 0.2627, 0.3021
CMYK	0.00, 0.16, 0.21, 0.12
HSL	13°, 43%, 79%
HSV	13°, 21%, 88%
XYZ	56.7563, 55.0281, 49.7304
YIQ	197.6240, 24.6660, 4.5220

Conversions

Conversions Part 2

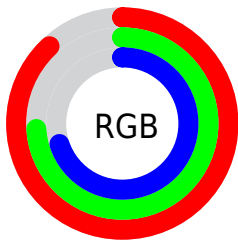
Format	Color
R _Y B	224, 191, 178
Decimal	14728370
CIE Lab	79.06, 11.31, 9.87
CIE LCh	79, 15.014, 41.098
Yxy	55.0281, 0.3514, 0.3407
Android (android.graphics.Color)	4292918450 (0xFFE0BCB2)
YUV	197.6240, -9.6746, 23.1318
Hunter-Lab	74.1809, 6.7549, 12.1790

Details

The Yxy color **55.0281, 0.3514, 0.3407** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.9127, 0.2814, 0.3170**, and the grayscale version is **56.2805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9019, 0.3260, 0.3388**, and **27.1334, 0.3619, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **47.1690, 0.3762, 0.3468**, and if you desaturate by 10%, it is **63.9471, 0.3307, 0.3348**.

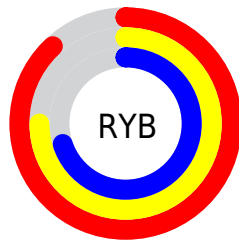
Distribution



Red (88%)

Green (74%)

Blue (70%)



Red (88%)

Yellow (75%)

Blue (70%)

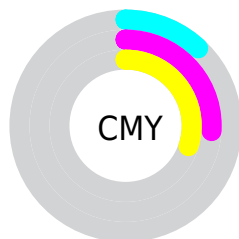


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (12%)



Cyan (12%)


Magenta (26%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0281, 0.3514, 0.3407 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 55.0281, 0.3514, 0.3407 by changing the saturation by 10% instead.


 55.0281, 0.3514,
0.3407

 55.0281, 0.3514,
0.3407


406.0184, 0.3325,
0.3353

 39.4242, 0.3560,
0.3419


 97.5821, 0.3446,
0.3388

 27.0899, 0.3619,
0.3434


125.3011, 0.3420,
0.3381

 17.6408, 0.3695,
0.3453


157.8271, 0.3398,
0.3375

 10.6924, 0.3800,
0.3477

195.5447, 0.3379,
0.3369

 5.8604, 0.3951,
0.3508

238.8383, 0.3363,
0.3365

 2.7604, 0.4188,
0.3548

288.0922, 0.3349,

 1.0079, 0.4782,

0.3360

0.3731

343.6907, 0.3336,
0.3356

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.0281, 0.3514,
0.3407

55.0281, 0.3514,
0.3407

47.1690, 0.3762,
0.3468

63.9471, 0.3307,
0.3348

40.3227, 0.4058,
0.3528

73.9558, 0.3136,
0.3293

34.4498, 0.4401,
0.3582

85.0922, 0.2994,
0.3242

29.5053, 0.4787,
0.3623

94.5871, 0.2940,
0.3289

■ 25.4406, 0.5196,
0.3639

■ 22.2024, 0.5592,
0.3622

■ 19.7313, 0.5928,
0.3567

■ 18.0334, 0.6161,
0.3490

Harmonies

Analogous

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



55.0281, 0.3421, 0.3237



55.0281, 0.3514, 0.3407



55.0281, 0.3499, 0.3553

Triad

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



55.0281, 0.3514, 0.3407



55.0281, 0.3000, 0.3509



55.0281, 0.2872, 0.2958

Complementary

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



55.0281, 0.3514, 0.3407



62.9127, 0.2814, 0.3170

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.



55.0281, 0.2767, 0.3017



55.0281, 0.3514, 0.3407



55.0281, 0.2840, 0.3334

Square

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



55.0281, 0.3514, 0.3407



55.0281, 0.3199, 0.3621



55.0281, 0.2755, 0.3153



55.0281, 0.3046, 0.2984

Rectangle

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



55.0281, 0.3514, 0.3407



55.0281, 0.3431, 0.3617



55.0281, 0.2755, 0.3153



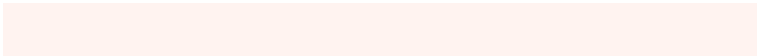
55.0281, 0.2827, 0.2968

Sweetspot

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



55.0306, 0.3514, 0.3407



91.6576, 0.3226, 0.3323



52.5303, 0.3230, 0.2886



19.4312, 0.3237, 0.3326



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.



55.0306, 0.3514, 0.3407



68.7719, 0.3623, 0.3435



65.6268, 0.3463, 0.3663



14.1830, 0.3287, 0.3342



10.6357, 0.6137, 0.3509



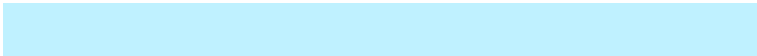
0.8690, 0.5840, 0.3745

Inverse Universe

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



62.9127, 0.2814, 0.3170



81.2926, 0.2745, 0.3140



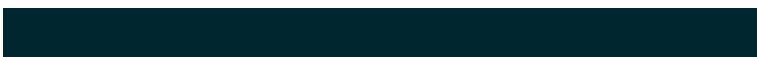
52.1077, 0.2795, 0.2887



15.0382, 0.2982, 0.3238



21.1830, 0.2048, 0.2574



1.5956, 0.2083, 0.2697

Previews

White Background



This preview shows how the Yxy color 55.0281, 0.3514, 0.3407 looks on a white background.

Color Contrast Check

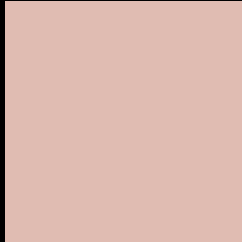
Large Text (above 18pt) WCAG AA × Fail

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 55.0281, 0.3514, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

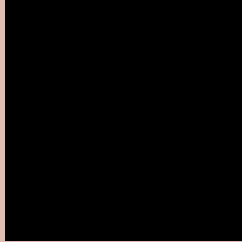
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0281, 0.3514, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 55.0281, 0.3514, 0.3407.



This preview shows how white text looks on a background with the Yxy color 55.0281, 0.3514, 0.3407.

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

55.0281, 0.3514, 0.3407

Protanopia

55.1041, 0.3291, 0.3448

Deuteranopia

55.1391, 0.3494, 0.3419



Tritanopia

55.1523, 0.3371, 0.3133

Trichromacy



Original Color

55.0281, 0.3514, 0.3407

Protanomaly

54.8844, 0.3370, 0.3422

Deuteranomaly

55.2975, 0.3503, 0.3418

Tritanomaly

55.0482, 0.3427, 0.3234

Monochromacy



Original Color

55.0281, 0.3514, 0.3407

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.6106, 0.3255, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0281, 0.3514, 0.3407 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, 188, 178)` looks like.

```
.text, #text, p{  
    color:rgb(224, 188, 178)  
}
```

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, 188, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 188, 178) }
```

Border

The CSS property to change the border of an element to Yxy 55.0281, 0.3514, 0.3407 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, 188, 178) }
```

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

```
.border{ border-color:rgb(224, 188, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 188, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 188, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 188, 178);  
box-shadow:4px 4px 4px 4px rgb(224, 188,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0281, 0.3514, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 188, 178) }
```

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

```
.background{ background-color: rgb(224,  
188, 178) }
```

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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