

Converting Colors

$Yxy(64.3263, 0.3534, 0.3282)$

Have a look what the booklet for
Yxy(64.3263, 0.3534, 0.3282)
contains.

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Color

Yxy(64.1495, 0.3540, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	F9C5C6
RGB	249, 197, 198
RGB Percent	98%, 77%, 78%
CMY	0.0237, 0.2274, 0.2236
CMYK	0.00, 0.21, 0.20, 0.02
HSL	359°, 81%, 87%
HSV	359°, 21%, 98%
XYZ	69.2134, 64.1495, 62.1552
YIQ	212.6620, 30.6710, 11.3350

Conversions

Conversions Part 2

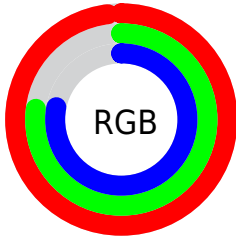
Format	Color
R _Y B	249, 197, 198
Decimal	16369094
CIE _{Lab}	84.04, 18.61, 6.58
CIE _{LCh}	84, 19.742, 19.469
Y _{xy}	64.1495, 0.3540, 0.3281
Android (android.graphics.Color)	4294559174 (0xFFFF9C5C6)
YUV	212.6620, -7.2284, 31.8684
Hunter-Lab	80.0934, 14.0890, 10.0543

Details

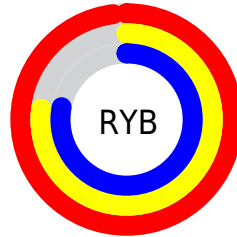
The Yxy color **64.1495, 0.3540, 0.3281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.3739, 0.2820, 0.3299**, and the grayscale version is **66.3355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **32.8650, 0.3650, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **52.7249, 0.3817, 0.3277**, and if you desaturate by 10%, it is **77.6288, 0.3318, 0.3285**.

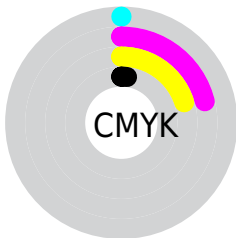
Distribution



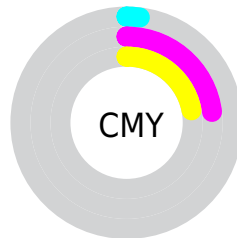
- Red (98%)
- Green (77%)
- Blue (78%)



- Red (98%)
- Yellow (77%)
- Blue (78%)



- Cyan (0%)
- Magenta (21%)
- Yellow (20%)
- Black (2%)





- Cyan (2%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1495, 0.3540, 0.3281 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 64.1495, 0.3540, 0.3281 by changing the saturation by 10% instead.


 64.1495, 0.3540,
0.3281

 64.1495, 0.3540,
0.3281


439.7293, 0.3343,
0.3288

 46.7718, 0.3586,
0.3279

110.8262, 0.3471,
0.3284

 32.8553, 0.3645,
0.3275


140.8940, 0.3444,
0.3285

 22.0156, 0.3720,
0.3270


175.9606, 0.3421,
0.3286

 13.8684, 0.3820,
0.3263

216.4103, 0.3401,
0.3286

 8.0292, 0.3960,
0.3250

262.6277, 0.3384,
0.3287

 4.1136, 0.4171,
0.3227


314.9971, 0.3369,

 1.7373, 0.4520,

0.3287

0.3178


373.9028, 0.3355,
0.3288


 0.4476, 0.6496,
0.3303


 0.0000, 0.0000,
0.0000


 64.1495, 0.3540,
0.3281


 64.1495, 0.3540,
0.3281


 52.7249, 0.3817,
0.3277


 77.6288, 0.3318,
0.3285

 43.2460, 0.4159,
0.3273

 93.2473, 0.3141,
0.3290

 35.6069, 0.4567,
0.3270

 98.8715, 0.3090,
0.3290

 29.6883, 0.5030,
0.3269

■ 25.3569, 0.5509,
0.3271

■ 22.4597, 0.5939,
0.3277

■ 20.8137, 0.6245,
0.3286

■ 20.1416, 0.6387,
0.3292

Harmonies

Analogous

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



64.1495, 0.3344, 0.3083



64.1495, 0.3540, 0.3281



64.1495, 0.3621, 0.3489

Triad

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



64.1495, 0.3540, 0.3281



64.1495, 0.3144, 0.3679



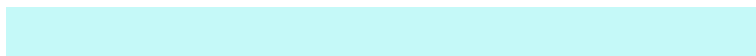
64.1495, 0.2705, 0.2919

Complementary

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



64.1495, 0.3540, 0.3281



86.3739, 0.2820, 0.3299

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.



64.1495, 0.2658, 0.3061



64.1495, 0.3540, 0.3281



64.1495, 0.2905, 0.3509

Square

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



64.1495, 0.3540, 0.3281



64.1495, 0.3386, 0.3730



64.1495, 0.2729, 0.3278



64.1495, 0.2862, 0.2877

Rectangle

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



64.1495, 0.3540, 0.3281



64.1495, 0.3597, 0.3608



64.1495, 0.2729, 0.3278



64.1495, 0.2676, 0.2956

Sweetspot

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



64.1524, 0.3540, 0.3281



89.6941, 0.3227, 0.3288



66.5957, 0.3139, 0.2768



18.9689, 0.3239, 0.3287



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.



64.1524, 0.3540, 0.3281



62.4560, 0.3648, 0.3279



76.0138, 0.3497, 0.3542



17.2305, 0.3291, 0.3286



10.7882, 0.6382, 0.3289



1.0010, 0.6334, 0.3263

Inverse Universe

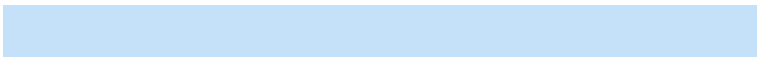
The Inverse Universe completely reimagines the original color for something new.



64.1524, 0.3540, 0.3281



62.4560, 0.3648, 0.3279



72.4103, 0.2797, 0.3024



17.2305, 0.3291, 0.3286



10.7882, 0.6382, 0.3289



1.0010, 0.6334, 0.3263

Previews

White Background



This preview shows how the Yxy color 64.1495, 0.3540, 0.3281 looks on a white background.

Color Contrast Check

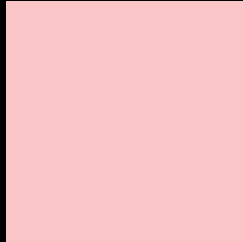
Large Text (above 18pt) WCAG AA × Fail

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 64.1495, 0.3540, 0.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

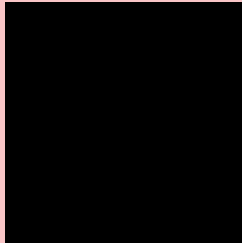
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.1495, 0.3540, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 64.1495, 0.3540, 0.3281.



This preview shows how white text looks on a background with the Yxy color 64.1495, 0.3540, 0.3281.

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

64.1495, 0.3540, 0.3281

Protanopia

64.4558, 0.3200, 0.3336

Deuteranopia

64.4053, 0.3424, 0.3356



Tritanopia

64.0074, 0.3456, 0.3135

Trichromacy



Original Color

64.1495, 0.3540, 0.3281

Protanomaly

64.2578, 0.3319, 0.3324

Deuteranomaly

64.3298, 0.3467, 0.3334

Tritanomaly

64.2601, 0.3486, 0.3187

Monochromacy



Original Color

64.1495, 0.3540, 0.3281

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.3485, 0.3265, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1495, 0.3540, 0.3281 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(249, 197, 198)` looks like.

```
.text, #text, p{  
    color:rgb(249, 197, 198)  
}
```

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(249, 197, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 197, 198) }
```

Border

The CSS property to change the border of an element to Yxy 64.1495, 0.3540, 0.3281 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(249, 197, 198) }
```

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

```
.border{ border-color:rgb(249, 197, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 197, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 197, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 197, 198);  
box-shadow:4px 4px 4px 4px rgb(249, 197,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1495, 0.3540, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 197, 198) }
```

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

```
.background{ background-color: rgb(249,  
197, 198) }
```

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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