

Converting Colors

$Yxy(64.0808, 0.3533, 0.3455)$

Have a look what the booklet for
Yxy(64.0808, 0.3533, 0.3455)
contains.

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Color

Yxy(64.1796, 0.3535, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	EFCABB
RGB	239, 202, 187
RGB Percent	94%, 79%, 73%
CMY	0.0628, 0.2078, 0.2666
CMYK	0.00, 0.15, 0.22, 0.06
HSL	17°, 62%, 84%
HSV	17°, 22%, 94%
XYZ	65.6847, 64.1796, 55.9481
YIQ	211.3530, 26.8670, 3.1790

Conversions

Conversions Part 2

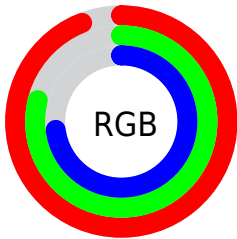
Format	Color
R _Y B	239, 208, 187
Decimal	15715003
CIE Lab	84.06, 10.77, 12.32
CIE LCh	84, 16.366, 48.857
Yxy	64.1796, 0.3535, 0.3454
Android (android.graphics.Color)	4293905083 (0xFFEFCABB)
YUV	211.3530, -12.0060, 24.2464
Hunter-Lab	80.1122, 6.1574, 14.6720

Details

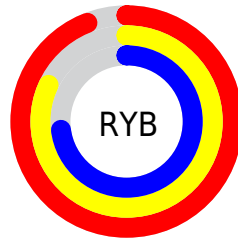
The Yxy color **64.1796, 0.3535, 0.3454** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.1064, 0.2792, 0.3120**, and the grayscale version is **65.4561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **32.8461, 0.3632, 0.3490** is the 20% darker color. If you saturate the color by 10%, you get **55.6971, 0.3780, 0.3535**, and if you desaturate by 10%, it is **73.7175, 0.3328, 0.3376**.

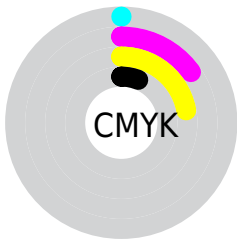
Distribution



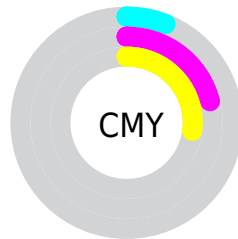
- Red (94%)
- Green (79%)
- Blue (73%)



- Red (94%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (15%)
- Yellow (22%)
- Black (6%)





- Cyan (6%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1796, 0.3535, 0.3454 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 64.1796, 0.3535, 0.3454 by changing the saturation by 10% instead.

 64.1796, 0.3535,
0.3454

 64.1796, 0.3535,
0.3454


439.8379, 0.3340,
0.3380

 46.7962, 0.3581,
0.3471


 110.8695, 0.3466,
0.3428

 32.8745, 0.3638,
0.3491


140.9448, 0.3440,
0.3418

 22.0304, 0.3712,
0.3516


176.0195, 0.3417,
0.3410

 13.8792, 0.3811,
0.3548

216.4780, 0.3398,
0.3402

 8.0367, 0.3949,
0.3590

262.7047, 0.3381,
0.3396

 4.1184, 0.4154,
0.3645

315.0840, 0.3366,

 1.7400, 0.4495,

0.3390

0.3722

374.0003, 0.3352,
0.3384

0.4494, 0.6056,
0.3944

0.0000, 0.0000,
0.0000

64.1796, 0.3535,
0.3454

64.1796, 0.3535,
0.3454

55.6971, 0.3780,
0.3535

73.7175, 0.3328,
0.3376

48.2246, 0.4067,
0.3614

84.3371, 0.3154,
0.3302

41.7258, 0.4395,
0.3685

95.8330, 0.3029,
0.3270

36.1592, 0.4758,
0.3738

97.0885, 0.3029,
0.3290

■ 31.4798, 0.5137,
0.3763

■ 27.6388, 0.5503,
0.3746

■ 24.5814, 0.5815,
0.3683

■ 22.5979, 0.6017,
0.3605

Harmonies

Analogous

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



64.1796, 0.3466, 0.3281



64.1796, 0.3535, 0.3454



64.1796, 0.3490, 0.3592

Triad

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



64.1796, 0.3535, 0.3454



64.1796, 0.2947, 0.3474



64.1796, 0.2904, 0.2945

Complementary

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



64.1796, 0.3535, 0.3454



70.1064, 0.2792, 0.3120

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.



64.1796, 0.2774, 0.2984



64.1796, 0.3535, 0.3454



64.1796, 0.2798, 0.3285

Square

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



64.1796, 0.3535, 0.3454



64.1796, 0.3147, 0.3612



64.1796, 0.2736, 0.3105



64.1796, 0.3097, 0.2994

Rectangle

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



64.1796, 0.3535, 0.3454



64.1796, 0.3403, 0.3644



64.1796, 0.2736, 0.3105



64.1796, 0.2852, 0.2948

Sweetspot

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



64.1825, 0.3535, 0.3454



91.0659, 0.3242, 0.3341



59.2922, 0.3265, 0.2895



19.3333, 0.3253, 0.3345



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

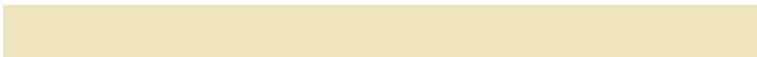
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.1825, 0.3535, 0.3454



69.9484, 0.3636, 0.3489



77.2737, 0.3479, 0.3722



16.5016, 0.3286, 0.3359



12.6841, 0.5989, 0.3627



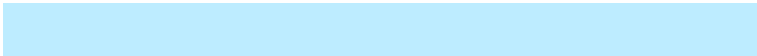
1.2197, 0.5731, 0.3831

Inverse Universe

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



70.1064, 0.2792, 0.3120



77.9185, 0.2726, 0.3082



57.3130, 0.2770, 0.2818



17.1136, 0.2981, 0.3220



19.5784, 0.1979, 0.2323



1.7984, 0.2018, 0.2465

Previews

White Background



This preview shows how the Yxy color 64.1796, 0.3535, 0.3454 looks on a white background.

Color Contrast Check

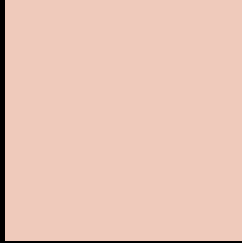
Large Text (above 18pt) WCAG AA × Fail

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 64.1796, 0.3535, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

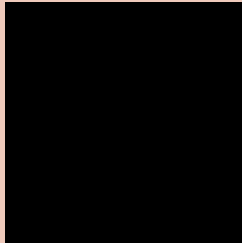
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.1796, 0.3535, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 64.1796, 0.3535, 0.3454.



This preview shows how white text looks on a background with the Yxy color 64.1796, 0.3535, 0.3454.

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

64.1796, 0.3535, 0.3454

Protanopia

64.2679, 0.3324, 0.3495

Deuteranopia

64.0061, 0.3527, 0.3455



Tritanopia

64.0695, 0.3364, 0.3132

Trichromacy



Original Color

64.1796, 0.3535, 0.3454

Protanomaly

64.0291, 0.3399, 0.3470

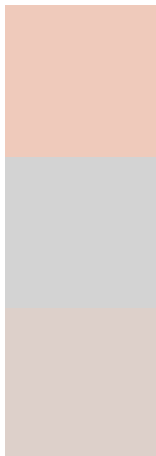
Deuteranomaly

64.0061, 0.3527, 0.3455

Tritanomaly

63.9073, 0.3424, 0.3237

Monochromacy



Original Color

64.1796, 0.3535, 0.3454

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.7482, 0.3269, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1796, 0.3535, 0.3454 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(239, 202, 187)` looks like.

```
.text, #text, p{  
    color:rgb(239, 202, 187)  
}
```

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(239, 202, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 202, 187) }
```

Border

The CSS property to change the border of an element to Yxy 64.1796, 0.3535, 0.3454 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(239, 202, 187) }
```

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

```
.border{ border-color:rgb(239, 202, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 202, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 202, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 202, 187);  
box-shadow:4px 4px 4px 4px rgb(239, 202,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1796, 0.3535, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 202, 187) }
```

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

```
.background{ background-color: rgb(239,  
202, 187) }
```

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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