

Converting Colors

$Yxy(68.5660, 0.3594, 0.3504)$

Have a look what the booklet for
Yxy(68.5660, 0.3594, 0.3504)
contains.

Yxy(68.6561, 0.3593, 0.3513)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.6561, 0.3593, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	F8D0BB
RGB	248, 208, 187
RGB Percent	97%, 82%, 73%
CMY	0.0277, 0.1842, 0.2667
CMYK	0.00, 0.16, 0.25, 0.03
HSL	21°, 81%, 85%
HSV	21°, 25%, 97%
XYZ	70.2196, 68.6561, 56.5587
YIQ	217.5660, 30.5810, 1.9490

Conversions

Conversions Part 2

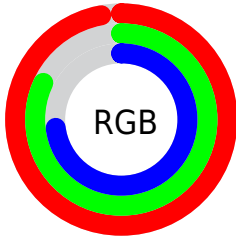
Format	Color
R _Y B	248, 219, 187
Decimal	16306363
CIE Lab	86.33, 10.91, 15.67
CIE LCh	86, 19.091, 55.139
Yxy	68.6561, 0.3593, 0.3513
Android (android.graphics.Color)	4294496443 (0xFFF8D0BB)
YUV	217.5660, -15.0690, 26.6906
Hunter-Lab	82.8590, 6.2682, 17.5305

Details

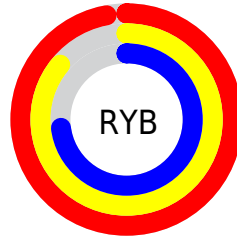
The Yxy color $68.6561, 0.3593, 0.3513$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $72.2197, 0.2744, 0.3055$, and the grayscale version is $69.8844, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.2511, 0.3197, 0.3405$, and $35.9088, 0.3706, 0.3563$ is the 20% darker color. If you saturate the color by 10%, you get $60.1705, 0.3841, 0.3609$, and if you desaturate by 10%, it is $78.1417, 0.3381, 0.3419$.

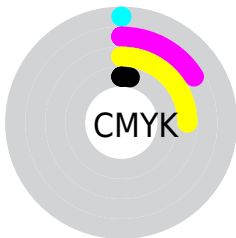
Distribution



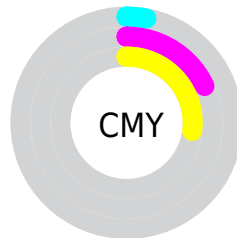
- Red (97%)
- Green (82%)
- Blue (73%)



- Red (97%)
- Yellow (86%)
- Blue (73%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (3%)





- Cyan (3%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.6561, 0.3593, 0.3513 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 68.6561, 0.3593, 0.3513 by changing the saturation by 10% instead.


 68.6561, 0.3593,
0.3513

 68.6561, 0.3593,
0.3513


455.8171, 0.3373,
0.3413

 50.4317, 0.3644,
0.3535


 117.2903, 0.3516,
0.3479

 35.7565, 0.3707,
0.3562


148.4688, 0.3486,
0.3465

 24.2462, 0.3788,
0.3595

184.7341, 0.3461,
0.3454

 15.5164, 0.3895,
0.3637

226.4707, 0.3439,
0.3443

 9.1826, 0.4042,
0.3690

274.0629, 0.3419,
0.3434

 4.8605, 0.4255,
0.3761

327.8951, 0.3402,

 2.1656, 0.4592,

0.3426

0.3853

388.3517, 0.3387,
0.3419

0.7012, 0.5718,
0.4282

0.0000, 0.0000,
0.0000

68.6561, 0.3593,
0.3513

68.6561, 0.3593,
0.3513

60.1705, 0.3841,
0.3609

78.1417, 0.3381,
0.3419

52.6417, 0.4126,
0.3702

88.6499, 0.3200,
0.3329

46.0373, 0.4446,
0.3783

98.6851, 0.3084,
0.3290

40.3191, 0.4792,
0.3843

■ 35.4461, 0.5145,
0.3867

■ 31.3732, 0.5475,
0.3844

■ 28.0498, 0.5753,
0.3770

■ 26.5356, 0.5878,
0.3715

Harmonies

Analogous

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



68.6561, 0.3541, 0.3320



68.6561, 0.3593, 0.3513



68.6561, 0.3515, 0.3657

Triad

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



68.6561, 0.3593, 0.3513



68.6561, 0.2880, 0.3458



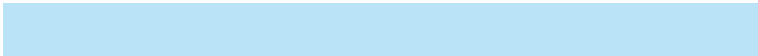
68.6561, 0.2914, 0.2903

Complementary

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



68.6561, 0.3593, 0.3513



72.2197, 0.2744, 0.3055

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.



68.6561, 0.2748, 0.2924



68.6561, 0.3593, 0.3513



68.6561, 0.2729, 0.3237

Square

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



68.6561, 0.3593, 0.3513



68.6561, 0.3099, 0.3634



68.6561, 0.2682, 0.3042



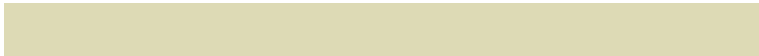
68.6561, 0.3142, 0.2977

Rectangle

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



68.6561, 0.3593, 0.3513



68.6561, 0.3401, 0.3703



68.6561, 0.2682, 0.3042



68.6561, 0.2850, 0.2899

Sweetspot

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



68.6592, 0.3593, 0.3513



91.6713, 0.3241, 0.3350



61.0624, 0.3311, 0.2871



19.4733, 0.3252, 0.3356



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

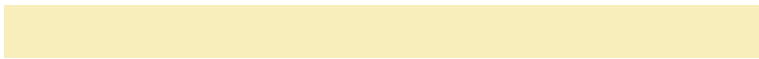
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.6592, 0.3593, 0.3513



69.0199, 0.3699, 0.3556



84.5537, 0.3522, 0.3810



18.2049, 0.3285, 0.3372



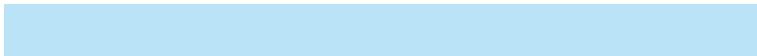
14.5773, 0.5849, 0.3738



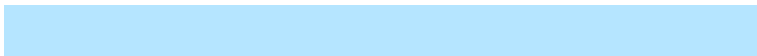
1.5395, 0.5620, 0.3920

Inverse Universe

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



72.2197, 0.2744, 0.3055



73.3498, 0.2676, 0.3007



57.3372, 0.2714, 0.2710



18.5406, 0.2980, 0.3206



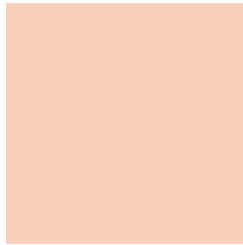
17.9660, 0.1922, 0.2117



1.8616, 0.1965, 0.2273

Previews

White Background



This preview shows how the Yxy color 68.6561, 0.3593, 0.3513 looks on a white background.

Color Contrast Check

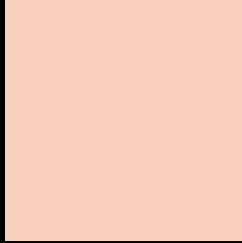
Large Text (above 18pt) WCAG AA × Fail

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 68.6561, 0.3593, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

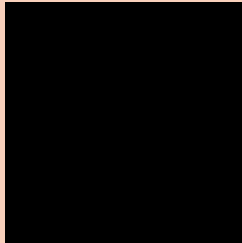
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.6561, 0.3593, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 68.6561, 0.3593, 0.3513.



This preview shows how white text looks on a background with the Yxy color 68.6561, 0.3593, 0.3513.

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

68.6561, 0.3593, 0.3513

Protanopia

69.0421, 0.3375, 0.3567

Deuteranopia

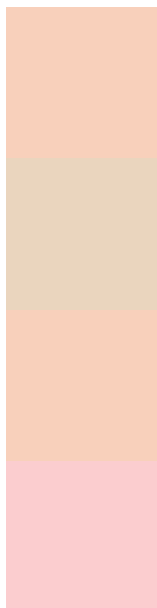
68.6561, 0.3593, 0.3513



Tritanopia

68.5218, 0.3390, 0.3127

Trichromacy



Original Color

68.6561, 0.3593, 0.3513

Protanomaly

68.7986, 0.3450, 0.3541

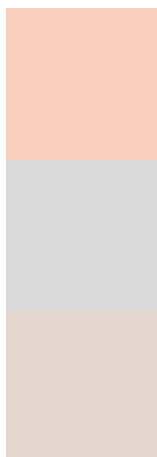
Deuteranomaly

68.6561, 0.3593, 0.3513

Tritanomaly

68.6769, 0.3470, 0.3270

Monochromacy



Original Color

68.6561, 0.3593, 0.3513

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.2561, 0.3287, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.6561, 0.3593, 0.3513 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(248, 208, 187)` looks like.

```
.text, #text, p{  
    color:rgb(248, 208, 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(248, 208, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 208, 187) }
```

Border

The CSS property to change the border of an element to Yxy 68.6561, 0.3593, 0.3513 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(248, 208, 187) }
```

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

```
.border{ border-color:rgb(248, 208, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 208, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 208, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 208, 187); box-shadow:4px 4px 4px 4px rgb(248, 208, 187) }
```


Background

The CSS property to change the background color of an element to Yxy 68.6561, 0.3593, 0.3513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 208, 187) }
```

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

```
.background{ background-color: rgb(248,  
208, 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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