

Converting Colors

$Yxy(68.1014, 0.3540, 0.3515)$

Have a look what the booklet for
Yxy(68.1014, 0.3540, 0.3515)
contains.

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Color

Yxy(68.1090, 0.3536, 0.3516)

Conversions

Conversions Part 1

Format	Color
Hex	F2D1BC
RGB	242, 209, 188
RGB Percent	95%, 82%, 74%
CMY	0.0509, 0.1804, 0.2628
CMYK	0.00, 0.14, 0.22, 0.05
HSL	23°, 68%, 84%
HSV	23°, 22%, 95%
XYZ	68.4964, 68.1090, 57.1062
YIQ	216.4730, 26.4090, 0.4650

Conversions

Conversions Part 2

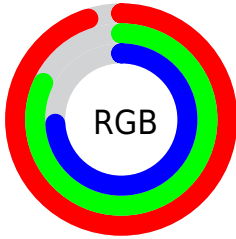
Format	Color
R _Y B	242, 222, 188
Decimal	15913404
CIE Lab	86.06, 8.36, 14.68
CIE LCh	86, 16.892, 60.338
Yxy	68.1090, 0.3536, 0.3516
Android (android.graphics.Color)	4294103484 (0xFFFF2D1BC)
YUV	216.4730, -14.0372, 22.3872
Hunter-Lab	82.5282, 3.7264, 16.7434

Details

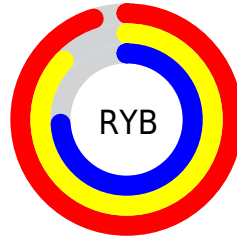
The Yxy color **68.1090, 0.3536, 0.3516** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.8107, 0.2778, 0.3053**, and the grayscale version is **69.0947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **35.5062, 0.3629, 0.3569** is the 20% darker color. If you saturate the color by 10%, you get **60.2322, 0.3769, 0.3624**, and if you desaturate by 10%, it is **76.8404, 0.3335, 0.3411**.

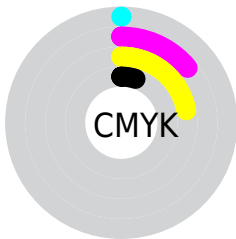
Distribution



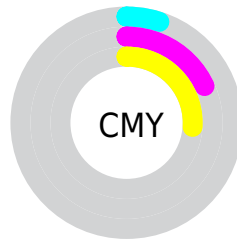
- Red (95%)
- Green (82%)
- Blue (74%)



- Red (95%)
- Yellow (87%)
- Blue (74%)



- Cyan (0%)
- Magenta (14%)
- Yellow (22%)
- Black (5%)




- Cyan (5%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.1090, 0.3536, 0.3516 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 68.1090, 0.3536, 0.3516 by changing the saturation by 10% instead.


 68.1090, 0.3536,
0.3516

 68.1090, 0.3536,
0.3516

453.8821, 0.3343,
0.3413

 49.9864, 0.3581,
0.3539


 116.5081, 0.3468,
0.3481

 35.4026, 0.3637,
0.3567


147.5533, 0.3442,
0.3467

 23.9732, 0.3708,
0.3602

183.6749, 0.3420,
0.3455

 15.3137, 0.3802,
0.3647

225.2573, 0.3401,
0.3444

 9.0399, 0.3931,
0.3707

272.6848, 0.3384,
0.3435

 4.7672, 0.4121,
0.3787

326.3419, 0.3369,

 2.1113, 0.4420,

0.3427

0.3899

386.6128, 0.3355,
0.3420

0.6710, 0.5565,
0.4435

0.0000, 0.0000,
0.0000

68.1090, 0.3536,
0.3516

68.1090, 0.3536,
0.3516

60.2322, 0.3769,
0.3624

76.8404, 0.3335,
0.3411

53.1737, 0.4035,
0.3729

86.4428, 0.3163,
0.3312

46.9082, 0.4333,
0.3825

96.5782, 0.3048,
0.3274

41.4053, 0.4655,
0.3901

97.6187, 0.3048,
0.3290

■ 36.6324, 0.4986,
0.3944

■ 32.5539, 0.5303,
0.3941

■ 29.1301, 0.5580,
0.3885

■ 26.9105, 0.5756,
0.3812

Harmonies

Analogous

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



68.1090, 0.3510, 0.3349



68.1090, 0.3536, 0.3516



68.1090, 0.3449, 0.3631

Triad

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



68.1090, 0.3536, 0.3516



68.1090, 0.2879, 0.3406



68.1090, 0.2971, 0.2950

Complementary

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



68.1090, 0.3536, 0.3516



68.8107, 0.2778, 0.3053

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.



68.1090, 0.2810, 0.2955



68.1090, 0.3536, 0.3516



68.1090, 0.2759, 0.3211

Square

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



68.1090, 0.3536, 0.3516



68.1090, 0.3067, 0.3572



68.1090, 0.2734, 0.3047



68.1090, 0.3178, 0.3030

Rectangle

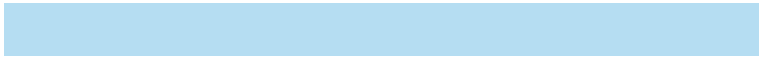
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.1090, 0.3536, 0.3516



68.1090, 0.3340, 0.3658



68.1090, 0.2734, 0.3047



68.1090, 0.2910, 0.2942

Sweetspot

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



68.1121, 0.3536, 0.3516



92.1412, 0.3241, 0.3358



60.0771, 0.3312, 0.2939



19.5819, 0.3251, 0.3364



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.



68.1121, 0.3536, 0.3516



72.3672, 0.3642, 0.3567



82.3309, 0.3478, 0.3787



16.7673, 0.3283, 0.3382



14.7018, 0.5726, 0.3835



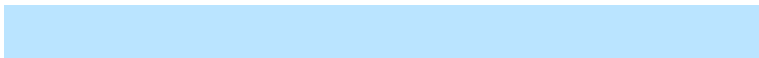
1.4108, 0.5483, 0.4029

Inverse Universe

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



68.8107, 0.2778, 0.3053



73.2833, 0.2703, 0.2995



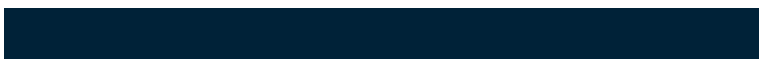
55.8148, 0.2754, 0.2739



16.8364, 0.2980, 0.3196



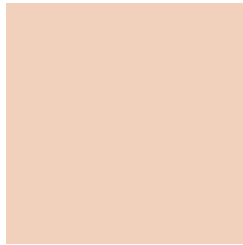
15.0708, 0.1879, 0.1963



1.4464, 0.1932, 0.2156

Previews

White Background



This preview shows how the Yxy color 68.1090, 0.3536, 0.3516 looks on a white background.

Color Contrast Check

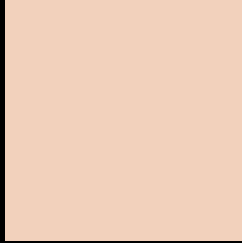
Large Text (above 18pt) WCAG AA × Fail

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 68.1090, 0.3536, 0.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

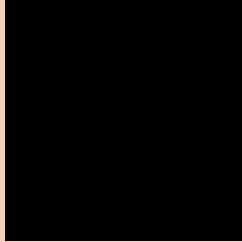
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.1090, 0.3536, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 68.1090, 0.3536, 0.3516.



This preview shows how white text looks on a background with the Yxy color 68.1090, 0.3536, 0.3516.

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

68.1090, 0.3536, 0.3516

Protanopia

68.3700, 0.3369, 0.3557

Deuteranopia

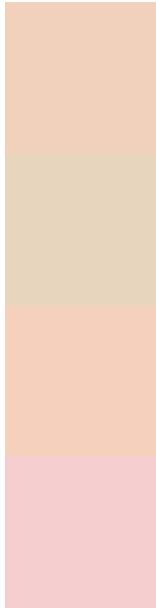
67.8493, 0.3572, 0.3493



Tritanopia

67.9459, 0.3335, 0.3124

Trichromacy



Original Color

68.1090, 0.3536, 0.3516

Protanomaly

68.2951, 0.3426, 0.3543

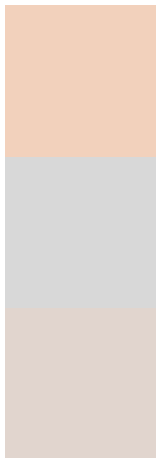
Deuteranomaly

68.1551, 0.3562, 0.3504

Tritanomaly

68.1092, 0.3414, 0.3270

Monochromacy



Original Color

68.1090, 0.3536, 0.3516

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.0523, 0.3265, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1090, 0.3536, 0.3516 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(242, 209, 188)` looks like.

```
.text, #text, p{  
    color:rgb(242, 209, 188)  
}
```

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(242, 209, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 209, 188) }
```

Border

The CSS property to change the border of an element to Yxy 68.1090, 0.3536, 0.3516 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(242, 209, 188) }
```

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

```
.border{ border-color:rgb(242, 209, 188) }
```

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

Here you see how a box with a 4 pixel rgb(242, 209, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 209, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 209, 188);  
box-shadow:4px 4px 4px 4px rgb(242, 209,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1090, 0.3536, 0.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 209, 188) }
```

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

```
.background{ background-color: rgb(242,  
209, 188) }
```

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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