

Converting Colors

$Y_{xy}(72.5372, 0.3602, 0.3509)$

Have a look what the booklet for
Yxy(72.5372, 0.3602, 0.3509)
contains.

Yxy(72.6543, 0.3598, 0.3507)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.6543, 0.3598, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5C0
RGB	255, 213, 192
RGB Percent	100%, 84%, 75%
CMY	0.0002, 0.1646, 0.2470
CMYK	0.00, 0.16, 0.25, 0.00
HSL	20°, 100%, 88%
HSV	20°, 25%, 100%
XYZ	74.5395, 72.6543, 59.9755
YIQ	223.1640, 31.7730, 2.3730

Conversions

Conversions Part 2

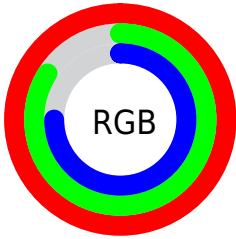
Format	Color
R _Y B	255, 224, 192
Decimal	16766400
CIE Lab	88.28, 11.60, 15.85
CIE LCh	88, 19.640, 53.812
Yxy	72.6543, 0.3598, 0.3507
Android (android.graphics.Color)	4294956480 (0xFFFFD5C0)
YUV	223.1640, -15.3639, 27.9202
Hunter-Lab	85.2375, 6.9313, 17.9481

Details

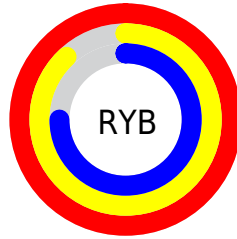
The Yxy color **72.6543, 0.3598, 0.3507** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.2508, 0.2743, 0.3062**, and the grayscale version is **74.0095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **38.2945, 0.3723, 0.3555** is the 20% darker color. If you saturate the color by 10%, you get **63.5183, 0.3849, 0.3600**, and if you desaturate by 10%, it is **82.8881, 0.3384, 0.3416**.

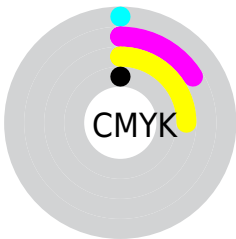
Distribution



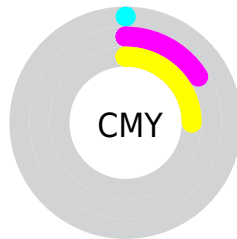
- Red (100%)
- Green (84%)
- Blue (75%)



- Red (100%)
- Yellow (88%)
- Blue (75%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6543, 0.3598, 0.3507 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 72.6543, 0.3598, 0.3507 by changing the saturation by 10% instead.


 72.6543, 0.3598,
0.3507

 72.6543, 0.3598,
0.3507


469.8158, 0.3378,
0.3411

 53.6933, 0.3648,
0.3528


 122.9863, 0.3521,
0.3474

 38.3565, 0.3711,
0.3553

155.1262, 0.3492,
0.3462

 26.2595, 0.3790,
0.3584


192.4278, 0.3466,
0.3450

 17.0179, 0.3894,
0.3623

235.2755, 0.3444,
0.3440

 10.2473, 0.4036,
0.3673

284.0538, 0.3425,
0.3432

 5.5632, 0.4239,
0.3737

339.1470, 0.3407,

 2.5813, 0.4552,

0.3424

0.3818

400.9395, 0.3392,
0.3417

0.9173, 0.5657,
0.4343

0.0000, 1.0000,
0.0000

72.6543, 0.3598,
0.3507

72.6543, 0.3598,
0.3507

63.5183, 0.3849,
0.3600

82.8881, 0.3384,
0.3416

55.4327, 0.4138,
0.3690

94.2455, 0.3202,
0.3329

48.3610, 0.4463,
0.3768

99.9925, 0.3127,
0.3290

42.2606, 0.4815,
0.3824

■ 37.0857, 0.5174,
0.3845

■ 32.7858, 0.5509,
0.3820

■ 29.3046, 0.5788,
0.3743

■ 27.7594, 0.5911,
0.3689

Harmonies

Analogous

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



72.6543, 0.3540, 0.3311



72.6543, 0.3598, 0.3507



72.6543, 0.3524, 0.3656

Triad

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



72.6543, 0.3598, 0.3507



72.6543, 0.2886, 0.3469



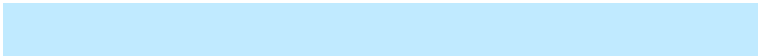
72.6543, 0.2903, 0.2898

Complementary

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



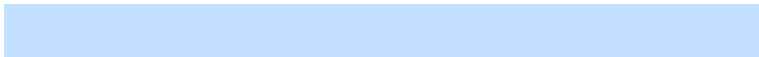
72.6543, 0.3598, 0.3507



77.2508, 0.2743, 0.3062

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.



72.6543, 0.2740, 0.2923



72.6543, 0.3598, 0.3507



72.6543, 0.2730, 0.3246

Square

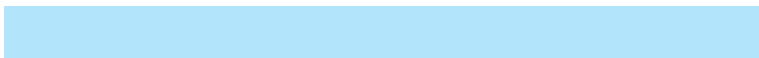
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6543, 0.3598, 0.3507



72.6543, 0.3109, 0.3643



72.6543, 0.2678, 0.3047



72.6543, 0.3131, 0.2969

Rectangle

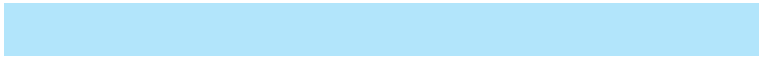
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.6543, 0.3598, 0.3507



72.6543, 0.3413, 0.3705



72.6543, 0.2678, 0.3047



72.6543, 0.2839, 0.2895

Sweetspot

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



72.6576, 0.3598, 0.3507



91.5474, 0.3242, 0.3348



64.9005, 0.3312, 0.2869



19.4446, 0.3252, 0.3353



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.



72.6576, 0.3598, 0.3507



67.6910, 0.3726, 0.3557



90.0442, 0.3525, 0.3813



18.9771, 0.3286, 0.3370



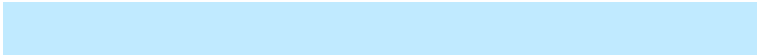
14.7538, 0.5881, 0.3712



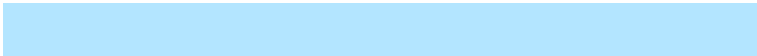
1.6279, 0.5662, 0.3887

Inverse Universe

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



77.2508, 0.2743, 0.3062



73.0474, 0.2661, 0.3006



60.9080, 0.2712, 0.2706



19.4004, 0.2980, 0.3209



19.0661, 0.1933, 0.2158



2.0576, 0.1973, 0.2302

Previews

White Background



This preview shows how the Yxy color 72.6543, 0.3598, 0.3507 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 72.6543, 0.3598, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

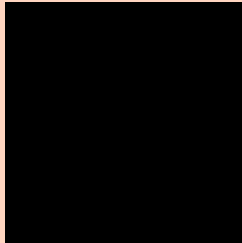
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.6543, 0.3598, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 72.6543, 0.3598, 0.3507.



This preview shows how white text looks on a background with the Yxy color 72.6543, 0.3598, 0.3507.

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

72.6543, 0.3598, 0.3507

Protanopia

72.8542, 0.3377, 0.3561

Deuteranopia

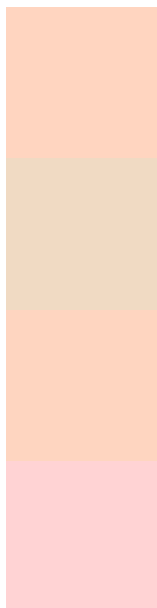
72.4651, 0.3591, 0.3508



Tritanopia

72.7350, 0.3366, 0.3150

Trichromacy



Original Color

72.6543, 0.3598, 0.3507

Protanomaly

72.6082, 0.3450, 0.3535

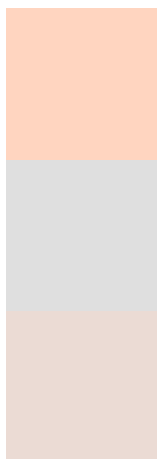
Deuteranomaly

72.4651, 0.3591, 0.3508

Tritanomaly

72.6020, 0.3453, 0.3281

Monochromacy



Original Color

72.6543, 0.3598, 0.3507

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.0787, 0.3291, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6543, 0.3598, 0.3507 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(255, 213, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 192)  
}
```

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(255, 213, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 192) }
```

Border

The CSS property to change the border of an element to Yxy 72.6543, 0.3598, 0.3507 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(255, 213, 192) }
```

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

```
.border{ border-color:rgb(255, 213, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 213, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 213, 192); box-shadow:4px 4px 4px 4px rgb(255, 213, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6543, 0.3598, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 192) }
```

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

```
.background{ background-color: rgb(255,  
213, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor