

Converting Colors

$Yxy(73.1946, 0.3877, 0.3955)$

Have a look what the booklet for
Yxy(73.1946, 0.3877, 0.3955)
contains.

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Color

Yxy(73.1527, 0.3878, 0.3956)

Conversions

Conversions Part 1

Format	Color
Hex	FFD998
RGB	255, 217, 152
RGB Percent	100%, 85%, 60%
CMY	0.0002, 0.1489, 0.4039
CMYK	0.00, 0.15, 0.40, 0.00
HSL	38°, 100%, 80%
HSV	38°, 40%, 100%
XYZ	71.7104, 73.1527, 40.0528
YIQ	220.9520, 43.5130, -12.1590

Conversions

Conversions Part 2

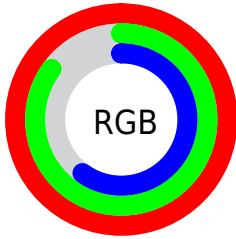
Format	Color
R_{YB}	212, 255, 152
Decimal	16767384
CIE _{Lab}	88.52, 4.66, 36.91
CIE _{LCh}	89, 37.198, 82.800
Yxy	73.1527, 0.3878, 0.3956
Android (android.graphics.Color)	4294957464 (0xFFFFD998)
YUV	220.9520, -33.9933, 29.8601
Hunter-Lab	85.5294, -0.0166, 32.1055

Details

The Yxy color **73.1527, 0.3878, 0.3956** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.7027, 0.2447, 0.2512**, and the grayscale version is **72.4916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2850, 0.3412, 0.3760**, and **38.6311, 0.4053, 0.4093** is the 20% darker color. If you saturate the color by 10%, you get **67.7007, 0.4100, 0.4113**, and if you desaturate by 10%, it is **79.0669, 0.3667, 0.3789**.

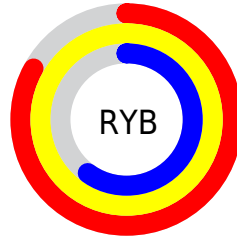
Distribution



Red (100%)

Green (85%)

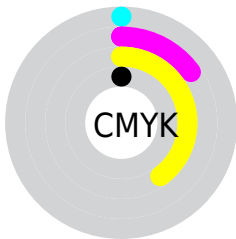
Blue (60%)



Red (83%)

Yellow (100%)

Blue (60%)

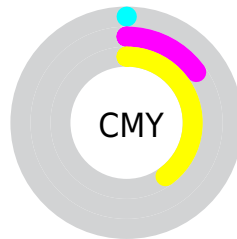


Cyan (0%)

Magenta (15%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1527, 0.3878, 0.3956 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 73.1527, 0.3878, 0.3956 by changing the saturation by 10% instead.


 73.1527, 0.3878,
0.3956

 73.1527, 0.3878,
0.3956


471.5439, 0.3535,
0.3658

 54.1008, 0.3954,
0.4020


 123.6940, 0.3761,
0.3855

 38.6823, 0.4045,
0.4097


 155.9522, 0.3715,
0.3815

 26.5127, 0.4158,
0.4190


193.3812, 0.3675,
0.3781

 17.2075, 0.4299,
0.4303

236.3656, 0.3640,
0.3750

 10.3826, 0.4476,
0.4440

285.2897, 0.3609,
0.3723

 5.6534, 0.4700,
0.4602

340.5378, 0.3581,

 2.6355, 0.5104,

0.3699

0.4896

402.4944, 0.3557,
0.3677

■ 0.9445, 0.5197,
0.4803

■ 0.0000, 0.0000,
0.0000

■ 73.1527, 0.3878,
0.3956

■ 73.1527, 0.3878,
0.3956

■ 67.7007, 0.4100,
0.4113

■ 79.0669, 0.3667,
0.3789

■ 62.6846, 0.4325,
0.4248

■ 85.4481, 0.3471,
0.3620

■ 58.0901, 0.4544,
0.4350

■ 92.3138, 0.3293,
0.3454

■ 53.8975, 0.4744,
0.4408

99.6774, 0.3133,
0.3296

■ 50.0841, 0.4915,
0.4413

99.9923, 0.3127,
0.3290

■ 46.7401, 0.5049,
0.4373

Harmonies

Analogous

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



73.1527, 0.4022, 0.3656



73.1527, 0.3878, 0.3956



73.1527, 0.3533, 0.4098

Triad

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



73.1527, 0.3878, 0.3956



73.1527, 0.2401, 0.3204



73.1527, 0.3110, 0.2703

Complementary

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



73.1527, 0.3878, 0.3956



50.7027, 0.2447, 0.2512

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.



73.1527, 0.2692, 0.2577



73.1527, 0.3878, 0.3956



73.1527, 0.2306, 0.2830

Square

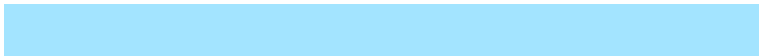
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1527, 0.3878, 0.3956



73.1527, 0.2682, 0.3647



73.1527, 0.2408, 0.2614



73.1527, 0.3562, 0.2959

Rectangle

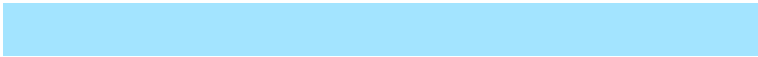
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1527, 0.3878, 0.3956



73.1527, 0.3243, 0.4058



73.1527, 0.2408, 0.2614



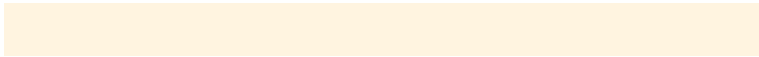
73.1527, 0.2960, 0.2644

Sweetspot

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



73.1561, 0.3878, 0.3956



91.1980, 0.3321, 0.3480



47.4972, 0.3755, 0.2881



19.3243, 0.3343, 0.3502



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.



73.1561, 0.3878, 0.3956



68.9811, 0.4046, 0.4077



92.8075, 0.3650, 0.4323



19.8992, 0.3278, 0.3440



24.7265, 0.5031, 0.4387



2.6165, 0.4910, 0.4483

Inverse Universe

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



50.7027, 0.2447, 0.2512



43.8997, 0.2312, 0.2332



37.5751, 0.2455, 0.2069



18.4741, 0.2979, 0.3136



8.2139, 0.1658, 0.1169



1.0000, 0.1721, 0.1394

Previews

White Background



This preview shows how the Yxy color 73.1527, 0.3878, 0.3956 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 73.1527, 0.3878, 0.3956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

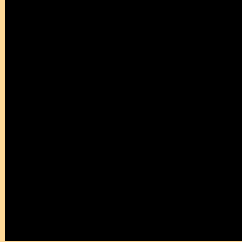
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.1527, 0.3878, 0.3956

Background



This preview shows how black text looks on a background with the Yxy color 73.1527, 0.3878, 0.3956.



This preview shows how white text looks on a background with the Yxy color 73.1527, 0.3878, 0.3956.

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

73.1527, 0.3878, 0.3956

Protanopia

73.1009, 0.3728, 0.4014

Deuteranopia

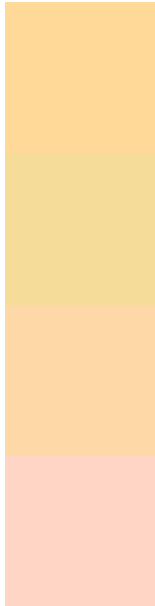
72.9560, 0.3719, 0.3703



Tritanopia

73.2303, 0.3365, 0.3160

Trichromacy



Original Color

73.1527, 0.3878, 0.3956

Protanomaly

72.8988, 0.3781, 0.3995

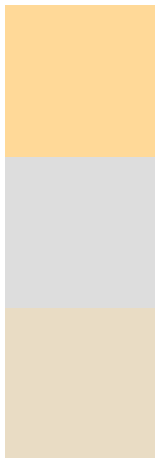
Deuteranomaly

73.1618, 0.3775, 0.3795

Tritanomaly

72.9257, 0.3554, 0.3445

Monochromacy



Original Color

73.1527, 0.3878, 0.3956

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.4956, 0.3386, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1527, 0.3878, 0.3956 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, 217, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 152)  
}
```

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, 217, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 152) }
```

Border

The CSS property to change the border of an element to Yxy 73.1527, 0.3878, 0.3956 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, 217, 152) }
```

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

```
.border{ border-color:rgb(255, 217, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1527, 0.3878, 0.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 152) }
```

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

```
.background{ background-color: rgb(255,  
217, 152) }
```

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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