

Converting Colors

$Yxy(72.0997, 0.4115, 0.4287)$

Have a look what the booklet for
Yxy(72.0997, 0.4115, 0.4287)
contains.

Yxy(72.1467, 0.4116, 0.4291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.1467, 0.4116, 0.4291)

Conversions

Conversions Part 1

Format	Color
Hex	FFD974
RGB	255, 217, 116
RGB Percent	100%, 85%, 45%
CMY	0.0000, 0.1490, 0.5453
CMYK	0.00, 0.15, 0.55, 0.00
HSL	44°, 100%, 73%
HSV	44°, 55%, 100%
XYZ	69.2043, 72.1467, 26.7839
YIQ	216.8480, 55.0690, -23.3550

Conversions

Conversions Part 2

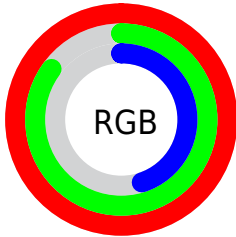
Format	Color
RYB	168, 255, 116
Decimal	16767348
CIELab	88.04, 1.37, 54.06
CIElCh	88, 54.081, 88.547
Yxy	72.1467, 0.4116, 0.4291
Android (android.graphics.Color)	4294957428 (0xFFFFD974)
YUV	216.8480, -49.7181, 33.4593
Hunter-Lab	84.9392, -3.2105, 40.7615

Details

The Yxy color **72.1467, 0.4116, 0.4291** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.0204, 0.2164, 0.2001**, and the grayscale version is **69.5951, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6823, 0.3632, 0.4124**, and **37.9466, 0.4317, 0.4475** is the 20% darker color. If you saturate the color by 10%, you get **68.1186, 0.4304, 0.4432**, and if you desaturate by 10%, it is **76.4939, 0.3920, 0.4123**.

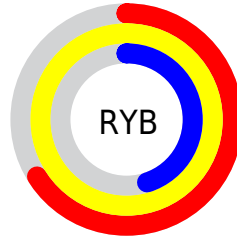
Distribution



Red (100%)

Green (85%)

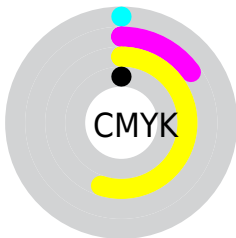
Blue (45%)



Red (66%)

Yellow (100%)

Blue (45%)

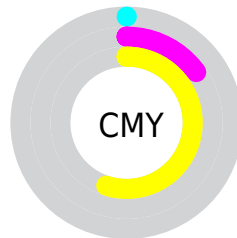


Cyan (0%)

Magenta (15%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1467, 0.4116, 0.4291 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 72.1467, 0.4116, 0.4291 by changing the saturation by 10% instead.


 72.1467, 0.4116,
0.4291


 72.1467, 0.4116,
0.4291


468.0520, 0.3678,
0.3851

 53.2785, 0.4206,
0.4381


 122.2651, 0.3971,
0.4146

 38.0252, 0.4312,
0.4485


 154.2841, 0.3912,
0.4087

 26.0022, 0.4434,
0.4605


 191.4554, 0.3861,
0.4035

 16.8253, 0.4573,
0.4741

234.1636, 0.3816,
0.3990

 10.1100, 0.4726,
0.4885

282.7930, 0.3775,
0.3949

 5.4720, 0.4927,
0.5073

337.7279, 0.3740,

 2.5268, 0.4943,

0.3913

0.5057

399.3528, 0.3707,
0.3880

0.8900, 0.4972,
0.5028

0.0000, 0.0000,
0.0000

72.1467, 0.4116,
0.4291

72.1467, 0.4116,
0.4291

68.1186, 0.4304,
0.4432

76.4939, 0.3920,
0.4123

64.3872, 0.4476,
0.4534

81.1671, 0.3725,
0.3938

60.9368, 0.4622,
0.4589

86.1815, 0.3537,
0.3747

57.7462, 0.4737,
0.4593

91.5489, 0.3360,
0.3556

■ 56.0952, 0.4789,
0.4580

■ 97.2804, 0.3196,
0.3371

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



72.1467, 0.4411, 0.3864



72.1467, 0.4116, 0.4291



72.1467, 0.3570, 0.4488

Triad

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



72.1467, 0.4116, 0.4291



72.1467, 0.2052, 0.3021



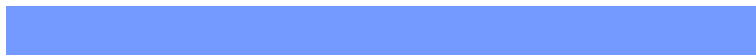
72.1467, 0.3217, 0.2523

Complementary

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



72.1467, 0.4116, 0.4291



34.0204, 0.2164, 0.2001

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.



72.1467, 0.2598, 0.2311



72.1467, 0.4116, 0.4291



72.1467, 0.1982, 0.2534

Square

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



72.1467, 0.4116, 0.4291



72.1467, 0.2385, 0.3689



72.1467, 0.2169, 0.2303



72.1467, 0.3875, 0.2897

Rectangle

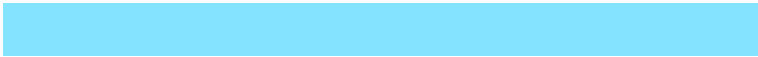
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1467, 0.4116, 0.4291



72.1467, 0.3146, 0.4398



72.1467, 0.2169, 0.2303



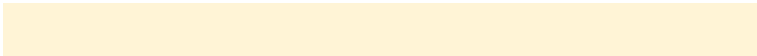
72.1467, 0.2997, 0.2432

Sweetspot

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



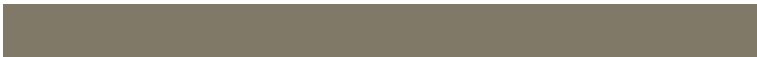
72.1490, 0.4116, 0.4291



90.7379, 0.3385, 0.3584



36.1165, 0.4279, 0.2893



19.1812, 0.3421, 0.3623



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.



72.1490, 0.4116, 0.4291



67.9371, 0.4313, 0.4437



88.7666, 0.3707, 0.4706



20.2020, 0.3276, 0.3462



29.5728, 0.4777, 0.4589



3.0616, 0.4695, 0.4654

Inverse Universe

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



34.0204, 0.2164, 0.2001



26.5553, 0.1981, 0.1708



25.8161, 0.2265, 0.1617



18.1852, 0.2979, 0.3112



6.2513, 0.1593, 0.0933



0.7813, 0.1652, 0.1147

Previews

White Background



This preview shows how the Yxy color 72.1467, 0.4116, 0.4291 looks on a white background.

Color Contrast Check

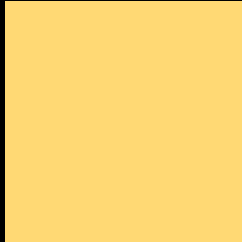
Large Text (above 18pt) WCAG AA × Fail

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 72.1467, 0.4116, 0.4291 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 72.1467, 0.4116, 0.4291

Background



This preview shows how black text looks on a background with the Yxy color 72.1467, 0.4116, 0.4291.



This preview shows how white text looks on a background with the Yxy color 72.1467, 0.4116, 0.4291.

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

72.1467, 0.4116, 0.4291

Protanopia

72.2304, 0.4001, 0.4354

Deuteranopia

71.9618, 0.3818, 0.3827



Tritanopia

72.0814, 0.3390, 0.3169

Trichromacy



Original Color

72.1467, 0.4116, 0.4291

Protanomaly

72.4272, 0.4038, 0.4332

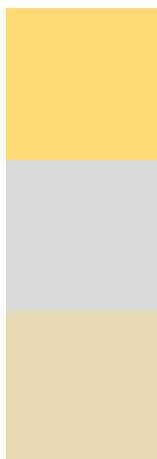
Deuteranomaly

71.9052, 0.3936, 0.4006

Tritanomaly

71.7659, 0.3669, 0.3590

Monochromacy



Original Color

72.1467, 0.4116, 0.4291

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.9099, 0.3490, 0.3697

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1467, 0.4116, 0.4291 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 116)  
}
```

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, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 116) }
```

Border

The CSS property to change the border of an element to Yxy 72.1467, 0.4116, 0.4291 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, 116) }
```

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

```
.border{ border-color:rgb(255, 217, 116) }
```

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, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1467, 0.4116, 0.4291 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, 116) }
```

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

```
.background{ background-color: rgb(255,  
217, 116) }
```

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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