

Converting Colors

$Yxy(69.6948, 0.4201, 0.4472)$

Have a look what the booklet for
Yxy(69.6948, 0.4201, 0.4472)
contains.

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Color

Yxy(69.5488, 0.4205, 0.4472)

Conversions

Conversions Part 1

Format	Color
Hex	F9D75E
RGB	249, 215, 94
RGB Percent	98%, 84%, 37%
CMY	0.0234, 0.1569, 0.6312
CMYK	0.00, 0.14, 0.62, 0.02
HSL	47°, 93%, 67%
HSV	47°, 62%, 98%
XYZ	65.3964, 69.5488, 20.5754
YIQ	211.3720, 59.1050, -30.4230

Conversions

Conversions Part 2

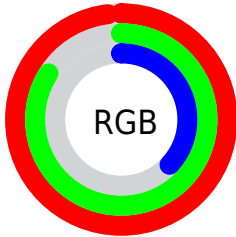
Format	Color
RYB	138, 249, 94
Decimal	16373598
CIELab	86.78, -1.59, 62.43
CIELCh	87, 62.449, 91.456
Yxy	69.5488, 0.4205, 0.4472
Android (android.graphics.Color)	4294563678 (0xFFFF9D75E)
YUV	211.3720, -57.8644, 32.9998
Hunter-Lab	83.3959, -5.9689, 43.7492

Details

The Yxy color **69.5488, 0.4205, 0.4472** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **24.6797, 0.2004, 0.1679**, and the grayscale version is **65.7674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9499, 0.3750, 0.4320**, and **36.4485, 0.4392, 0.4697** is the 20% darker color. If you saturate the color by 10%, you get **66.4362, 0.4361, 0.4592**, and if you desaturate by 10%, it is **72.9053, 0.4032, 0.4315**.

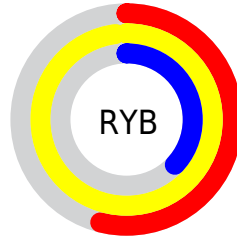
Distribution



Red (98%)

Green (84%)

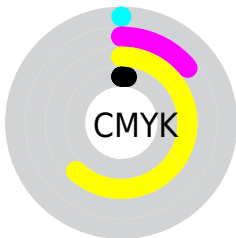
Blue (37%)



Red (54%)

Yellow (98%)

Blue (37%)

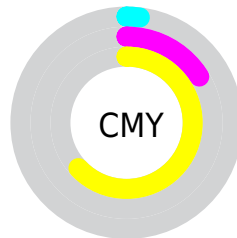


Cyan (0%)

Magenta (14%)

Yellow (62%)

Black (2%)



Cyan (2%)


Magenta (16%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5488, 0.4205, 0.4472 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 69.5488, 0.4205, 0.4472 by changing the saturation by 10% instead.


 69.5488, 0.4205,
0.4472


 69.5488, 0.4205,
0.4472


458.9642, 0.3738,
0.3955

 51.1588, 0.4296,
0.4575


 118.5651, 0.4054,
0.4304

 36.3350, 0.4400,
0.4691


 149.9601, 0.3992,
0.4235

 24.6930, 0.4513,
0.4821


 186.4590, 0.3936,
0.4174

 15.8485, 0.4631,
0.4959

 228.4461, 0.3888,
0.4120

 9.4170, 0.4803,
0.5160

276.3057, 0.3844,
0.4072

 5.0142, 0.4808,
0.5192

330.4224, 0.3805,

 2.2556, 0.4788,

0.4029

0.5212

391.1804, 0.3770,
0.3990

■ 0.7500, 0.4734,
0.5266

■ 0.0000, 0.0000,
0.0000

■ 69.5488, 0.4205,
0.4472

■ 69.5488, 0.4205,
0.4472

■ 66.4362, 0.4361,
0.4592

■ 72.9053, 0.4032,
0.4315

■ 63.5423, 0.4491,
0.4668


■ 76.5091, 0.3850,
0.4133

■ 60.8519, 0.4592,
0.4695


■ 80.3756, 0.3667,
0.3935


■ 58.8829, 0.4653,
0.4688

■ 84.5158, 0.3489,
0.3731

 88.9399, 0.3319,
0.3528

 93.6575, 0.3161,
0.3333

 97.7871, 0.3091,
0.3273

 98.8848, 0.3090,
0.3290

Harmonies

Analogous

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



69.5488, 0.4597, 0.3978



69.5488, 0.4205, 0.4472



69.5488, 0.3551, 0.4699

Triad

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



69.5488, 0.4205, 0.4472



69.5488, 0.1874, 0.2895



69.5488, 0.3302, 0.2447

Complementary

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



69.5488, 0.4205, 0.4472



24.6797, 0.2004, 0.1679

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.



69.5488, 0.2572, 0.2187



69.5488, 0.4205, 0.4472



69.5488, 0.1829, 0.2372

Square

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



69.5488, 0.4205, 0.4472



69.5488, 0.2215, 0.3675



69.5488, 0.2065, 0.2149



69.5488, 0.4066, 0.2881

Rectangle

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



69.5488, 0.4205, 0.4472



69.5488, 0.3061, 0.4573



69.5488, 0.2065, 0.2149



69.5488, 0.3042, 0.2339

Sweetspot

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



69.5521, 0.4205, 0.4472



90.6622, 0.3433, 0.3666



29.7741, 0.4650, 0.2938



19.1252, 0.3482, 0.3724



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.



69.5521, 0.4205, 0.4472



69.2188, 0.4401, 0.4619



81.9431, 0.3704, 0.4909



19.5060, 0.3274, 0.3474



31.7307, 0.4644, 0.4695



3.0929, 0.4579, 0.4746

Inverse Universe

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



24.6797, 0.2004, 0.1679



18.5570, 0.1797, 0.1319



20.0350, 0.2178, 0.1400



17.2609, 0.2979, 0.3099



5.2772, 0.1564, 0.0828



0.6383, 0.1622, 0.1038

Previews

White Background



This preview shows how the Yxy color 69.5488, 0.4205, 0.4472 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 69.5488, 0.4205, 0.4472 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 69.5488, 0.4205, 0.4472

Background



This preview shows how black text looks on a background with the Yxy color 69.5488, 0.4205, 0.4472.



This preview shows how white text looks on a background with the Yxy color 69.5488, 0.4205, 0.4472.

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

69.5488, 0.4205, 0.4472

Protanopia

69.8463, 0.4125, 0.4519

Deuteranopia

69.4285, 0.3951, 0.3948



Tritanopia

69.5077, 0.3419, 0.3149

Trichromacy



Original Color

69.5488, 0.4205, 0.4472

Protanomaly

69.8644, 0.4155, 0.4498

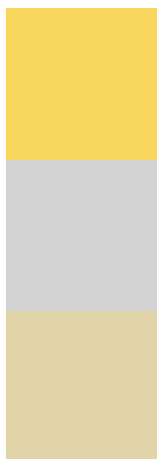
Deuteranomaly

69.5019, 0.4058, 0.4154

Tritanomaly

69.0115, 0.3741, 0.3656

Monochromacy



Original Color

69.5488, 0.4205, 0.4472

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.9217, 0.3542, 0.3786

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5488, 0.4205, 0.4472 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(249, 215, 94)` looks like.

```
.text, #text, p{  
  color:rgb(249, 215, 94)  
}
```

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(249, 215, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 215, 94) }
```

Border

The CSS property to change the border of an element to Yxy 69.5488, 0.4205, 0.4472 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(249, 215, 94) }
```

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

```
.border{ border-color:rgb(249, 215, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 215, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 215, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 215, 94);  
box-shadow:4px 4px 4px 4px rgb(249, 215,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5488, 0.4205, 0.4472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 215, 94) }
```

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

```
.background{ background-color: rgb(249,  
215, 94) }
```

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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