

Converting Colors

$Yxy(52.5515, 0.4639, 0.4351)$

Have a look what the booklet for
Yxy(52.5515, 0.4639, 0.4351)
contains.

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Color

Yxy(52.3622, 0.4644, 0.4347)

Conversions

Conversions Part 1

Format	Color
Hex	F9B241
RGB	249, 178, 65
RGB Percent	98%, 70%, 25%
CMY	0.0235, 0.3019, 0.7452
CMYK	0.00, 0.29, 0.74, 0.02
HSL	37°, 94%, 62%
HSV	37°, 74%, 98%
XYZ	55.9397, 52.3622, 12.1540
YIQ	186.3470, 78.5890, -20.0910

Conversions

Conversions Part 2

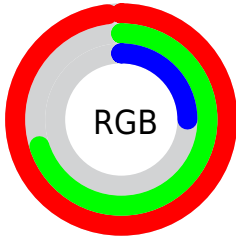
Format	Color
RYB	181, 249, 65
Decimal	16364097
CIELab	77.50, 16.01, 64.90
CIElCh	77, 66.850, 76.142
Yxy	52.3622, 0.4644, 0.4347
Android (android.graphics.Color)	4294554177 (0xFFFF9B241)
YUV	186.3470, -59.8241, 54.9467
Hunter-Lab	72.3617, 11.3576, 40.6948

Details

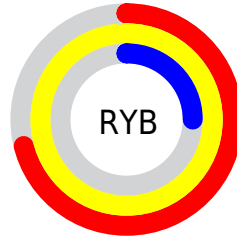
The Yxy color **52.3622, 0.4644, 0.4347** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **25.5572, 0.1914, 0.1742**, and the grayscale version is **49.6166, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4375, 0.4006, 0.4409**, and **25.6131, 0.4924, 0.4472** is the 20% darker color. If you saturate the color by 10%, you get **48.4476, 0.4843, 0.4384**, and if you desaturate by 10%, it is **56.6767, 0.4423, 0.4262**.

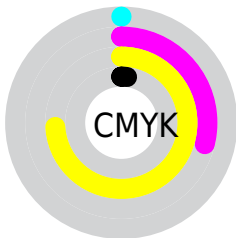
Distribution



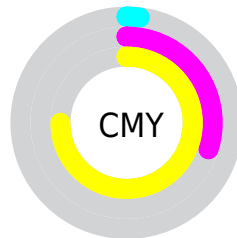
- Red (98%)
- Green (70%)
- Blue (25%)



- Red (71%)
- Yellow (98%)
- Blue (25%)



- Cyan (0%)
- Magenta (29%)
- Yellow (74%)
- Black (2%)





- Cyan (2%)
- Magenta (30%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3622, 0.4644, 0.4347 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 52.3622, 0.4644, 0.4347 by changing the saturation by 10% instead.


 52.3622, 0.4644,
0.4347


 52.3622, 0.4644,
0.4347


395.8333, 0.3949,
0.3912

 37.2939, 0.4785,
0.4418


 93.6652, 0.4414,
0.4216


 25.4351, 0.4945,
0.4488


 120.6686, 0.4320,
0.4159


 16.4015, 0.5122,
0.4544


 152.4192, 0.4238,
0.4107

 9.8087, 0.5376,
0.4624

 189.3014, 0.4166,
0.4060

 5.2723, 0.5486,
0.4514

 231.6994, 0.4102,
0.4017

 2.4079, 0.5658,
0.4342

279.9979, 0.4045,

 0.8300, 0.5965,

0.3979

0.4035

334.5810, 0.3995,
0.3944

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.3622, 0.4644,
0.4347

■ 52.3622, 0.4644,
0.4347

■ 48.4476, 0.4843,
0.4384

■ 56.6767, 0.4423,
0.4262


■ 44.9016, 0.5010,
0.4367

■ 61.4033, 0.4192,
0.4141


■ 42.9049, 0.5097,
0.4335


■ 66.5627, 0.3963,
0.3994


■ 72.1712, 0.3744,
0.3834

 78.2438, 0.3540,
0.3669

 84.7950, 0.3354,
0.3506

 91.8379, 0.3187,
0.3349

 98.7812, 0.3090,
0.3288

 98.8790, 0.3090,
0.3290

Harmonies

Analogous

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



52.3622, 0.4893, 0.3714



52.3622, 0.4644, 0.4347



52.3622, 0.4001, 0.4849

Triad

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



52.3622, 0.4644, 0.4347



52.3622, 0.1836, 0.3252



52.3622, 0.2864, 0.2147

Complementary

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



52.3622, 0.4644, 0.4347



25.5572, 0.1914, 0.1742

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.



52.3622, 0.2148, 0.1974



52.3622, 0.4644, 0.4347



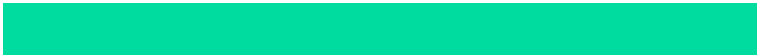
52.3622, 0.1629, 0.2472

Square

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



52.3622, 0.4644, 0.4347



52.3622, 0.2381, 0.4243



52.3622, 0.1737, 0.2063



52.3622, 0.3781, 0.2542

Rectangle

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



52.3622, 0.4644, 0.4347



52.3622, 0.3458, 0.4955



52.3622, 0.1737, 0.2063



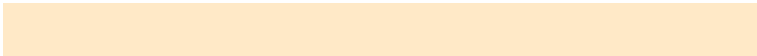
52.3622, 0.2594, 0.2063

Sweetspot

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



52.3648, 0.4644, 0.4347



83.8609, 0.3504, 0.3638



25.7676, 0.4643, 0.2624



17.5611, 0.3557, 0.3682



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.



52.3648, 0.4644, 0.4347



49.1494, 0.4935, 0.4382



85.0514, 0.3967, 0.4987



19.0005, 0.3278, 0.3435



23.2509, 0.5078, 0.4350



2.3588, 0.4944, 0.4456

Inverse Universe

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



25.5572, 0.1914, 0.1742



19.8646, 0.1745, 0.1402



12.4719, 0.1794, 0.0991



17.7408, 0.2979, 0.3140



8.3984, 0.1672, 0.1219



0.9763, 0.1737, 0.1454

Previews

White Background



This preview shows how the Yxy color 52.3622, 0.4644, 0.4347 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 52.3622, 0.4644, 0.4347 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 52.3622, 0.4644, 0.4347

Background



This preview shows how black text looks on a background with the Yxy color 52.3622, 0.4644, 0.4347.



This preview shows how white text looks on a background with the Yxy color 52.3622, 0.4644, 0.4347.

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

52.3622, 0.4644, 0.4347

Protanopia

52.4251, 0.4205, 0.4626

Deuteranopia

52.3513, 0.4539, 0.4434



Tritanopia

52.1927, 0.3827, 0.3155

Trichromacy



Original Color

52.3622, 0.4644, 0.4347

Protanomaly

52.2889, 0.4365, 0.4520

Deuteranomaly

52.4726, 0.4573, 0.4410

Tritanomaly

51.8434, 0.4189, 0.3640

Monochromacy



Original Color

52.3622, 0.4644, 0.4347

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.3753, 0.3699, 0.3796

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3622, 0.4644, 0.4347 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, 178, 65)` looks like.

```
.text, #text, p{  
    color:rgb(249, 178, 65)  
}
```

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, 178, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 178, 65) }
```

Border

The CSS property to change the border of an element to Yxy 52.3622, 0.4644, 0.4347 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, 178, 65) }
```

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

```
.border{ border-color:rgb(249, 178, 65) }
```

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

Here you see how a box with a 4 pixel rgb(249, 178, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 178, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 178, 65);  
box-shadow:4px 4px 4px 4px rgb(249, 178,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3622, 0.4644, 0.4347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 178, 65) }
```

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

```
.background{ background-color: rgb(249,  
178, 65) }
```

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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