

Converting Colors

Yxy(69.9528, 0.4153, 0.4545)

Have a look what the booklet for
Yxy(69.9528, 0.4153, 0.4545)
contains.

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Color

Yxy(69.9528, 0.4153, 0.4545)

Conversions

Conversions Part 1

Format	Color
Hex	F3DA5B
RGB	243, 218, 91
RGB Percent	95%, 85%, 36%
CMY	0.0471, 0.1451, 0.6430
CMYK	0.00, 0.10, 0.63, 0.05
HSL	50°, 86%, 65%
HSV	50°, 63%, 95%
XYZ	63.9195, 69.9528, 20.0393
YIQ	210.9970, 55.6670, -34.1970

Conversions

Conversions Part 2

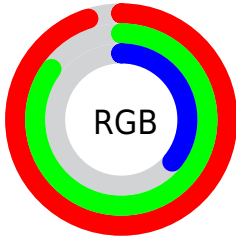
Format	Color
RYB	121, 243, 91
Decimal	15981147
CIELab	86.97, -5.79, 63.78
CIELCh	87, 64.039, 95.188
Yxy	69.9528, 0.4153, 0.4545
Android (android.graphics.Color)	4294171227 (0xFFFF3DA5B)
YUV	210.9970, -59.1585, 28.0666
Hunter-Lab	83.6378, -9.9490, 44.3408

Details

The Yxy color **69.9528, 0.4153, 0.4545** 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 **21.1909, 0.1975, 0.1565**, and the grayscale version is **65.5136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8553, 0.3766, 0.4347**, and **36.4945, 0.4339, 0.4779** is the 20% darker color. If you saturate the color by 10%, you get **67.5555, 0.4288, 0.4672**, and if you desaturate by 10%, it is **72.5424, 0.3998, 0.4381**.

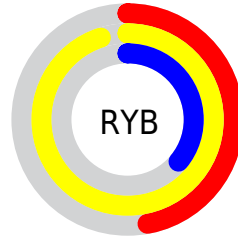
Distribution



Red (95%)

Green (85%)

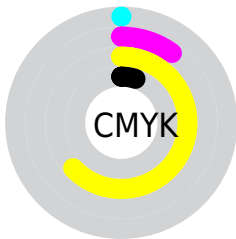
Blue (36%)



Red (47%)

Yellow (95%)

Blue (36%)

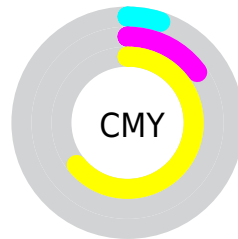


Cyan (0%)

Magenta (10%)

Yellow (63%)

Black (5%)



Cyan (5%)


Magenta (15%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9528, 0.4153, 0.4545 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 69.9528, 0.4153, 0.4545 by changing the saturation by 10% instead.


 69.9528, 0.4153,
0.4545

 69.9528, 0.4153,
0.4545

460.3843, 0.3714,
0.3991

 51.4881, 0.4237,
0.4656


 119.1414, 0.4013,
0.4363

 36.5972, 0.4330,
0.4784

 150.6341, 0.3954,
0.4289

 24.8958, 0.4429,
0.4927


 187.2383, 0.3903,
0.4224

 15.9994, 0.4528,
0.5083

 229.3382, 0.3857,
0.4166

 9.5237, 0.4681,
0.5319

277.3184, 0.3815,
0.4115

 5.0843, 0.4635,
0.5365

331.5632, 0.3778,

 2.2968, 0.4562,

0.4069

0.5438

392.4570, 0.3745,
0.4028

■ 0.7720, 0.4342,
0.5658

■ 0.0000, 0.0000,
0.0000

■ 69.9528, 0.4153,
0.4545

■ 69.9528, 0.4153,
0.4545

■ 67.5555, 0.4288,
0.4672

■ 72.5424, 0.3998,
0.4381

■ 65.3266, 0.4398,
0.4754

■ 75.3264, 0.3830,
0.4190

■ 63.2524, 0.4478,
0.4789


■ 78.3192, 0.3658,
0.3982


■ 61.7855, 0.4523,
0.4791

■ 81.5306, 0.3487,
0.3766

 84.9697, 0.3321,
0.3551

 88.6452, 0.3165,
0.3342

 92.1638, 0.3055,
0.3201

 94.6193, 0.3054,
0.3241

 97.1274, 0.3054,
0.3280

Harmonies

Analogous

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



69.9528, 0.4599, 0.4057



69.9528, 0.4153, 0.4545



69.9528, 0.3465, 0.4729

Triad

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



69.9528, 0.4153, 0.4545



69.9528, 0.1827, 0.2800



69.9528, 0.3406, 0.2477

Complementary

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



69.9528, 0.4153, 0.4545



21.1909, 0.1975, 0.1565

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.



69.9528, 0.2642, 0.2188



69.9528, 0.4153, 0.4545



69.9528, 0.1818, 0.2307

Square

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



69.9528, 0.4153, 0.4545



69.9528, 0.2135, 0.3577



69.9528, 0.2093, 0.2118



69.9528, 0.4173, 0.2935

Rectangle

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



69.9528, 0.4153, 0.4545



69.9528, 0.2965, 0.4553



69.9528, 0.2093, 0.2118



69.9528, 0.3137, 0.2359

Sweetspot

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



69.9561, 0.4153, 0.4545



92.2868, 0.3428, 0.3691



27.8107, 0.4802, 0.3044



19.5223, 0.3476, 0.3753



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.



69.9561, 0.4153, 0.4545



74.7048, 0.4320, 0.4698



76.0988, 0.3632, 0.4957



18.8226, 0.3273, 0.3486



34.0850, 0.4517, 0.4796



3.1166, 0.4469, 0.4833

Inverse Universe

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



21.1909, 0.1975, 0.1565



16.5195, 0.1767, 0.1203



19.6827, 0.2254, 0.1430



16.3667, 0.2979, 0.3086



4.5106, 0.1540, 0.0742



0.5214, 0.1594, 0.0939

Previews

White Background



This preview shows how the Yxy color 69.9528, 0.4153, 0.4545 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 69.9528, 0.4153, 0.4545 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 69.9528, 0.4153, 0.4545

Background



This preview shows how black text looks on a background with the Yxy color 69.9528, 0.4153, 0.4545.



This preview shows how white text looks on a background with the Yxy color 69.9528, 0.4153, 0.4545.

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

69.9528, 0.4153, 0.4545

Protanopia

69.7754, 0.4145, 0.4550

Deuteranopia

69.9866, 0.3932, 0.3938



Tritanopia

69.9008, 0.3395, 0.3138

Trichromacy



Original Color

69.9528, 0.4153, 0.4545

Protanomaly

69.7754, 0.4145, 0.4550

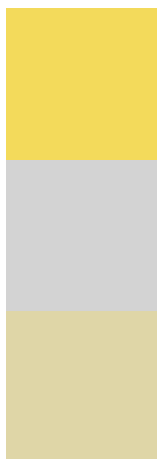
Deuteranomaly

70.1347, 0.4031, 0.4179

Tritanomaly

69.4343, 0.3710, 0.3680

Monochromacy



Original Color

69.9528, 0.4153, 0.4545

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.5711, 0.3528, 0.3822

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9528, 0.4153, 0.4545 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(243, 218, 91)` looks like.

```
.text, #text, p{  
    color:rgb(243, 218, 91)  
}
```

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(243, 218, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 218, 91) }
```

Border

The CSS property to change the border of an element to Yxy 69.9528, 0.4153, 0.4545 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(243, 218, 91) }
```

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

```
.border{ border-color:rgb(243, 218, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 218, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 218, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 218, 91);  
box-shadow:4px 4px 4px 4px rgb(243, 218,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9528, 0.4153, 0.4545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 218, 91) }
```

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

```
.background{ background-color: rgb(243,  
218, 91) }
```

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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