

Converting Colors

$Y_{xy}(41.0807, 0.3514, 0.2348)$

Have a look what the booklet for
Yxy(41.0807, 0.3514, 0.2348)
contains.

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Color

Yxy(41.0945, 0.3514, 0.2348)

Conversions

Conversions Part 1

Format	Color
Hex	FF7DDC
RGB	255, 125, 220
RGB Percent	100%, 49%, 86%
CMY	0.0000, 0.5099, 0.1371
CMYK	0.00, 0.51, 0.14, 0.00
HSL	316°, 100%, 75%
HSV	316°, 51%, 100%
XYZ	61.5017, 41.0945, 72.4229
YIQ	174.7000, 46.9850, 57.1050

Conversions

Conversions Part 2

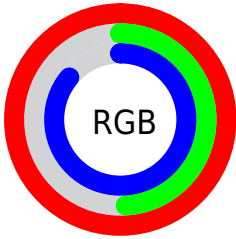
Format	Color
RYB	255, 125, 220
Decimal	16743900
CIELab	70.24, 60.73, -25.89
CIELCh	70, 66.022, 336.912
Yxy	41.0945, 0.3514, 0.2348
Android (android.graphics.Color)	4294933980 (0xFFFF7DDC)
YUV	174.7000, 22.3329, 70.4231
Hunter-Lab	64.1050, 59.0675, -22.1097

Details

The Yxy color **41.0945, 0.3514, 0.2348** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **78.4149, 0.2894, 0.4489**, and the grayscale version is **42.5666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5277, 0.3161, 0.2565**, and **18.7086, 0.3603, 0.2128** is the 20% darker color. If you saturate the color by 10%, you get **35.0883, 0.3619, 0.2198**, and if you desaturate by 10%, it is **48.7669, 0.3417, 0.2522**.

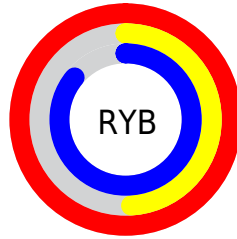
Distribution



Red (100%)

Green (49%)

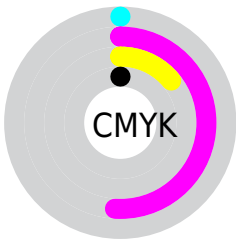
Blue (86%)



Red (100%)

Yellow (49%)

Blue (86%)

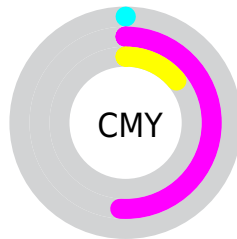


Cyan (0%)

Magenta (51%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (51%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0945, 0.3514, 0.2348 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 41.0945, 0.3514, 0.2348 by changing the saturation by 10% instead.


 41.0945, 0.3514,
0.2348

 41.0945, 0.3514,
0.2348

350.7154, 0.3336,
0.2787


 28.3929, 0.3554,
0.2248


 76.8273, 0.3453,
0.2500

 18.6221, 0.3603,
0.2125


 100.6274, 0.3429,
0.2559

 11.3975, 0.3664,
0.1971


 128.8957, 0.3408,
0.2610

 6.3349, 0.3741,
0.1772

162.0167, 0.3390,
0.2655

 3.0498, 0.3842,
0.1509

200.3748, 0.3374,
0.2694

 1.1578, 0.3974,
0.1152

244.3543, 0.3360,

 0.0268, 0.4406,

0.2728

0.0069

294.3398, 0.3347,
0.2759

■ 0.0000, 0.4183,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.0945, 0.3514,
0.2348

■ 41.0945, 0.3514,
0.2348

■ 35.0883, 0.3619,
0.2198

■ 48.7669, 0.3417,
0.2522

■ 30.6268, 0.3730,
0.2082

■ 58.2298, 0.3330,
0.2709

■ 27.5584, 0.3843,
0.2010

■ 69.5859, 0.3254,
0.2901

■ 25.7045, 0.3954,
0.1988

■ 82.9326, 0.3188,
0.3090

■ 24.8231, 0.4050,
0.2005

■ 98.3605, 0.3132,
0.3273

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.



41.0945, 0.2578, 0.2001



41.0945, 0.3514, 0.2348



41.0945, 0.4458, 0.2881

Triad

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



41.0945, 0.3514, 0.2348



41.0945, 0.4280, 0.4805



41.0945, 0.1574, 0.2622

Complementary

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



41.0945, 0.3514, 0.2348



78.4149, 0.2894, 0.4489

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.



41.0945, 0.1894, 0.3566



41.0945, 0.3514, 0.2348



41.0945, 0.3440, 0.5077

Square

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



41.0945, 0.3514, 0.2348



41.0945, 0.4870, 0.4187



41.0945, 0.2565, 0.4608



41.0945, 0.1592, 0.2080

Rectangle

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



41.0945, 0.3514, 0.2348



41.0945, 0.4871, 0.3297



41.0945, 0.2565, 0.4608



41.0945, 0.1641, 0.2896

Sweetspot

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



41.0918, 0.3514, 0.2348



77.3320, 0.3214, 0.3015



29.3207, 0.2380, 0.1753



15.9508, 0.3227, 0.2975



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.



41.0918, 0.3514, 0.2348



35.0817, 0.3619, 0.2197



38.3000, 0.4243, 0.2981



18.2121, 0.3179, 0.3118



12.9968, 0.4033, 0.1996



1.2837, 0.3917, 0.1932

Inverse Universe

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



41.0918, 0.3514, 0.2348



35.0817, 0.3619, 0.2197



81.2965, 0.2594, 0.3651



18.2121, 0.3179, 0.3118



12.9968, 0.4033, 0.1996



1.2837, 0.3917, 0.1932

Previews

White Background



This preview shows how the Yxy color 41.0945, 0.3514, 0.2348 looks on a white background.

Color Contrast Check

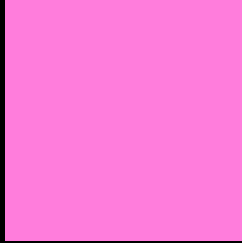
Large Text (above 18pt) WCAG AA × Fail

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 41.0945, 0.3514, 0.2348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

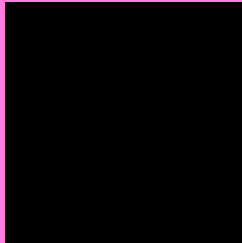
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0945, 0.3514, 0.2348

Background



This preview shows how black text looks on a background with the Yxy color 41.0945, 0.3514, 0.2348.



This preview shows how white text looks on a background with the Yxy color 41.0945, 0.3514, 0.2348.

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

41.0945, 0.3514, 0.2348

Protanopia

41.4610, 0.2362, 0.2247

Deuteranopia

41.5049, 0.2775, 0.2720



Tritanopia

40.9470, 0.4162, 0.3175

Trichromacy



Original Color

41.0945, 0.3514, 0.2348



Protanomaly

39.3836, 0.2686, 0.2242



Deuteranomaly

40.0197, 0.3017, 0.2536



Tritanomaly

40.9718, 0.3928, 0.2860

Monochromacy



Original Color

41.0945, 0.3514, 0.2348



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

40.7129, 0.3270, 0.2872

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0945, 0.3514, 0.2348 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, 125, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 220)  
}
```

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, 125, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 220) }
```

Border

The CSS property to change the border of an element to Yxy 41.0945, 0.3514, 0.2348 is called "border". The border property can be set on classes, ids or directly on the HTML element.

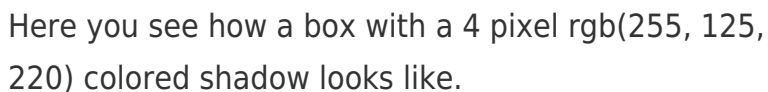
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 125, 220) }
```

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

```
.border{ border-color:rgb(255, 125, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 125, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 125, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 125, 220); box-shadow:4px 4px 4px 4px rgb(255, 125, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0945, 0.3514, 0.2348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 220) }
```

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

```
.background{ background-color: rgb(255,  
125, 220) }
```

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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