

Converting Colors

$Y_{xy}(25.6510, 0.3954, 0.2255)$

Have a look what the booklet for
Yxy(25.6510, 0.3954, 0.2255)
contains.

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Color

Yxy(25.6061, 0.3952, 0.2253)

Conversions

Conversions Part 1

Format	Color
Hex	ED47AF
RGB	237, 71, 175
RGB Percent	93%, 28%, 69%
CMY	0.0706, 0.7215, 0.3137
CMYK	0.00, 0.70, 0.26, 0.07
HSL	322°, 82%, 60%
HSV	322°, 70%, 93%
XYZ	44.9158, 25.6061, 43.1314
YIQ	132.4900, 65.5520, 67.5360

Conversions

Conversions Part 2

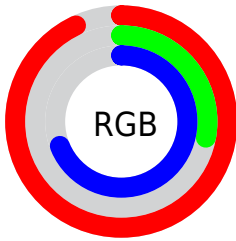
Format	Color
R _Y B	237, 71, 175
Decimal	15550383
CIE Lab	57.66, 71.95, -19.88
CIE LCh	58, 74.646, 344.553
Yxy	25.6061, 0.3952, 0.2253
Android (android.graphics.Color)	4293740463 (0xFFED47AF)
YUV	132.4900, 20.9574, 91.6553
Hunter-Lab	50.6025, 69.8860, -15.1146

Details

The Yxy color **25.6061, 0.3952, 0.2253** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **63.6020, 0.2786, 0.4774**, and the grayscale version is **23.1675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.2621, 0.3399, 0.2306**, and **10.7523, 0.4183, 0.2078** is the 20% darker color. If you saturate the color by 10%, you get **22.8210, 0.4122, 0.2195**, and if you desaturate by 10%, it is **29.5914, 0.3789, 0.2354**.

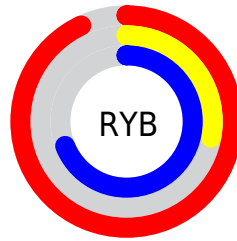
Distribution



Red (93%)

Green (28%)

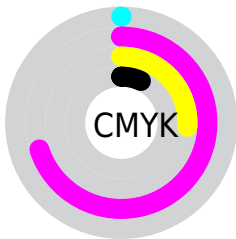
Blue (69%)



Red (93%)

Yellow (28%)

Blue (69%)

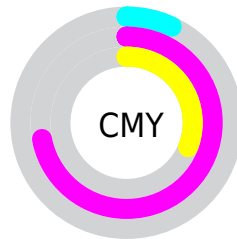


Cyan (0%)

Magenta (70%)

Yellow (26%)

Black (7%)



Cyan (7%)


Magenta (72%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6061, 0.3952, 0.2253 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 25.6061, 0.3952, 0.2253 by changing the saturation by 10% instead.


 25.6061, 0.3952,
0.2253


 25.6061, 0.3952,
0.2253


280.8431, 0.3526,
0.2772


 16.5292, 0.4062,
0.2125

 52.6388, 0.3794,
0.2441


 9.8994, 0.4205,
0.1963


 71.3634, 0.3736,
0.2512


 5.3323, 0.4397,
0.1751


 94.0727, 0.3687,
0.2572

 2.4435, 0.4667,
0.1467

 121.1510, 0.3645,
0.2623

 0.8481, 0.5071,
0.1075

 152.9828, 0.3609,
0.2668

 0.0000, 0.6042,
0.0000

189.9525, 0.3578,


 0.0000, 1.0000,


0.2707


0.0000


232.4445, 0.3550,
0.2741

 0.0000, 0.0000,
0.0000

 25.6061, 0.3952,
0.2253


 25.6061, 0.3952,
0.2253


 22.8210, 0.4122,
0.2195


 29.5914, 0.3789,
0.2354

 21.0862, 0.4292,
0.2188


 34.8954, 0.3639,
0.2488


 20.1576, 0.4457,
0.2229


 41.6268, 0.3505,
0.2642

 49.8817, 0.3387,
0.2806

 59.7481, 0.3285,
0.2972

 71.3069, 0.3200,
0.3134

 84.6337, 0.3127,
0.3289

 96.1672, 0.3069,
0.3381

 96.7234, 0.3019,
0.3293

Harmonies

Analogous

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



25.6061, 0.2677, 0.1782



25.6061, 0.3952, 0.2253



25.6061, 0.5122, 0.2913

Triad

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



25.6061, 0.3952, 0.2253



25.6061, 0.4214, 0.5322



25.6061, 0.1188, 0.2166

Complementary

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



25.6061, 0.3952, 0.2253



63.6020, 0.2786, 0.4774

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.



25.6061, 0.1420, 0.3242



25.6061, 0.3952, 0.2253



25.6061, 0.3132, 0.5659

Square

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



25.6061, 0.3952, 0.2253



25.6061, 0.5116, 0.4486



25.6061, 0.2101, 0.4778



25.6061, 0.1312, 0.1675

Rectangle

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



25.6061, 0.3952, 0.2253



25.6061, 0.5500, 0.3403



25.6061, 0.2101, 0.4778



25.6061, 0.1222, 0.2451

Sweetspot

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



25.6074, 0.3952, 0.2253



69.2414, 0.3295, 0.2955



15.5176, 0.2176, 0.1249



14.0995, 0.3322, 0.2909



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.



25.6074, 0.3952, 0.2253



25.9268, 0.4195, 0.2186



23.3052, 0.5201, 0.3095



15.2128, 0.3195, 0.3143



11.0316, 0.4431, 0.2214



0.8848, 0.4216, 0.2096

Inverse Universe

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



25.6074, 0.3952, 0.2253



25.9268, 0.4195, 0.2186



66.8077, 0.2418, 0.3579



15.2128, 0.3195, 0.3143



11.0316, 0.4431, 0.2214



0.8848, 0.4216, 0.2096

Previews

White Background



This preview shows how the Yxy color 25.6061, 0.3952, 0.2253 looks on a white background.

Color Contrast Check

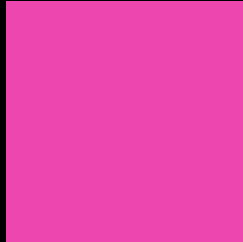
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6061, 0.3952, 0.2253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

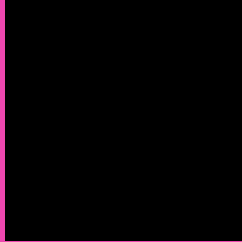
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6061, 0.3952, 0.2253

Background



This preview shows how black text looks on a background with the Yxy color 25.6061, 0.3952, 0.2253.



This preview shows how white text looks on a background with the Yxy color 25.6061, 0.3952, 0.2253.

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

25.6061, 0.3952, 0.2253

Protanopia

25.9934, 0.2192, 0.2029

Deuteranopia

25.8505, 0.2867, 0.2814



Tritanopia

25.5251, 0.4939, 0.3234

Trichromacy



Original Color

25.6061, 0.3952, 0.2253



Protanomaly

22.8169, 0.2636, 0.2000



Deuteranomaly

23.5669, 0.3236, 0.2489



Tritanomaly

25.1706, 0.4598, 0.2855

Monochromacy



Original Color

25.6061, 0.3952, 0.2253



Achromatopsia

23.0740, 0.3127, 0.3290



Achromatomaly

21.8360, 0.3432, 0.2726

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6061, 0.3952, 0.2253 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(237, 71, 175)` looks like.

```
.text, #text, p{  
    color:rgb(237, 71, 175)  
}
```

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(237, 71, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 71, 175) }
```

Border

The CSS property to change the border of an element to Yxy 25.6061, 0.3952, 0.2253 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(237, 71, 175) }
```

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

```
.border{ border-color:rgb(237, 71, 175) }
```

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

Here you see how a box with a 4 pixel rgb(237, 71, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 71, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 71, 175);  
box-shadow:4px 4px 4px 4px rgb(237, 71,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6061, 0.3952, 0.2253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 71, 175) }
```

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

```
.background{ background-color: rgb(237, 71,  
175) }
```

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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