

Converting Colors

$Y_{xy}(28.5204, 0.4254, 0.2744)$

Have a look what the booklet for
Yxy(28.5204, 0.4254, 0.2744)
contains.

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Color

Yxy(28.5204, 0.4254, 0.2744)

Conversions

Conversions Part 1

Format	Color
Hex	EC6194
RGB	236, 97, 148
RGB Percent	93%, 38%, 58%
CMY	0.0745, 0.6196, 0.4195
CMYK	0.00, 0.59, 0.37, 0.07
HSL	338°, 79%, 65%
HSV	338°, 59%, 93%
XYZ	44.2149, 28.5204, 31.2020
YIQ	144.3750, 66.4730, 45.3290

Conversions

Conversions Part 2

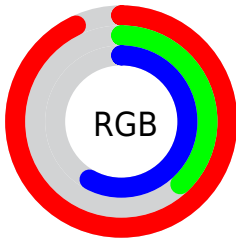
Format	Color
R _Y B	236, 97, 148
Decimal	15491476
CIE Lab	60.36, 58.30, -0.21
CIE LCh	60, 58.298, 359.795
Yxy	28.5204, 0.4254, 0.2744
Android (android.graphics.Color)	4293681556 (0xFFEC6194)
YUV	144.3750, 1.7871, 80.3551
Hunter-Lab	53.4045, 54.3268, 2.7425

Details

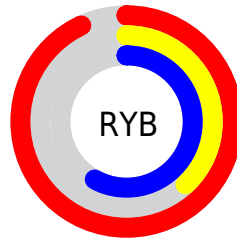
The Yxy color **28.5204, 0.4254, 0.2744** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **66.0371, 0.2631, 0.3977**, and the grayscale version is **28.0225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.3067, 0.3649, 0.2785**, and **11.4982, 0.4625, 0.2556** is the 20% darker color. If you saturate the color by 10%, you get **24.3473, 0.4565, 0.2695**, and if you desaturate by 10%, it is **34.0544, 0.3975, 0.2821**.

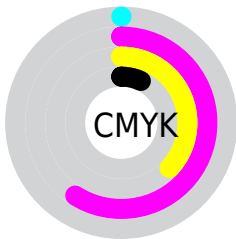
Distribution



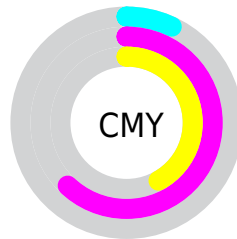
- Red (93%)
- Green (38%)
- Blue (58%)



- Red (93%)
- Yellow (38%)
- Blue (58%)



- Cyan (0%)
- Magenta (59%)
- Yellow (37%)
- Black (7%)




- Cyan (7%)
- Magenta (62%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5204, 0.4254, 0.2744 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 28.5204, 0.4254, 0.2744 by changing the saturation by 10% instead.


 28.5204, 0.4254,
0.2744


 28.5204, 0.4254,
0.2744


294.9453, 0.3649,
0.3037

 18.7183, 0.4418,
0.2665


 57.3142, 0.4024,
0.2855

 11.4669, 0.4637,
0.2559

 77.0747, 0.3941,
0.2895

 6.3818, 0.4941,
0.2412


 100.9235, 0.3872,
0.2929

 3.0786, 0.5390,
0.2196

 129.2450, 0.3813,
0.2957

 1.1729, 0.6102,
0.1853

162.4235, 0.3763,
0.2981

 0.0394, 0.9437,
0.0229


200.8434, 0.3720,

 0.0000, 1.0000,

0.3002

0.0000


244.8893, 0.3683,
0.3021


 0.0000, 0.0000,
0.0000


 28.5204, 0.4254,
0.2744


 28.5204, 0.4254,
0.2744


 24.3473, 0.4565,
0.2695


 34.0544, 0.3975,
0.2821


 21.4093, 0.4895,
0.2687


 41.0513, 0.3735,
0.2914

 19.5649, 0.5221,
0.2729


 49.6084, 0.3533,
0.3013

 18.5993, 0.5518,
0.2820


 59.8135, 0.3366,
0.3113

 18.5159, 0.5549,
0.2831

 71.7476, 0.3228,
0.3209

 85.4865, 0.3116,
0.3300

 96.4192, 0.3025,
0.3313

 96.5737, 0.3011,
0.3290

Harmonies

Analogous

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



28.5204, 0.3276, 0.2248



28.5204, 0.4254, 0.2744



28.5204, 0.4904, 0.3360

Triad

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



28.5204, 0.4254, 0.2744



28.5204, 0.3650, 0.5063



28.5204, 0.1563, 0.2175

Complementary

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



28.5204, 0.4254, 0.2744



66.0371, 0.2631, 0.3977

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.



28.5204, 0.1621, 0.2814



28.5204, 0.4254, 0.2744



28.5204, 0.2764, 0.4788

Square

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



28.5204, 0.4254, 0.2744



28.5204, 0.4449, 0.4672



28.5204, 0.2027, 0.3827



28.5204, 0.1818, 0.1916

Rectangle

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



28.5204, 0.4254, 0.2744



28.5204, 0.4999, 0.3801



28.5204, 0.2027, 0.3827



28.5204, 0.1546, 0.2342

Sweetspot

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



28.5219, 0.4254, 0.2744



72.3982, 0.3353, 0.3121



24.6386, 0.2670, 0.1692



14.6800, 0.3398, 0.3092



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.



28.5219, 0.4254, 0.2744



28.0565, 0.4644, 0.2689



30.5554, 0.4839, 0.3465



15.1455, 0.3235, 0.3204



10.2286, 0.5507, 0.2807



0.8212, 0.5127, 0.2598

Inverse Universe

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



28.5219, 0.4254, 0.2744



28.0565, 0.4644, 0.2689



59.6728, 0.2354, 0.3080



15.1455, 0.3235, 0.3204



10.2286, 0.5507, 0.2807



0.8212, 0.5127, 0.2598

Previews

White Background



This preview shows how the Yxy color 28.5204, 0.4254, 0.2744 looks on a white background.

Color Contrast Check

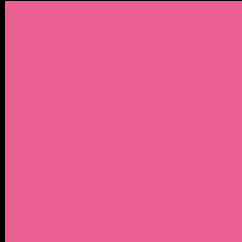
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5204, 0.4254, 0.2744 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 28.5204, 0.4254, 0.2744

Background



This preview shows how black text looks on a background with the Yxy color 28.5204, 0.4254, 0.2744.



This preview shows how white text looks on a background with the Yxy color 28.5204, 0.4254, 0.2744.

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

28.5204, 0.4254, 0.2744

Protanopia

28.9141, 0.2780, 0.2799

Deuteranopia

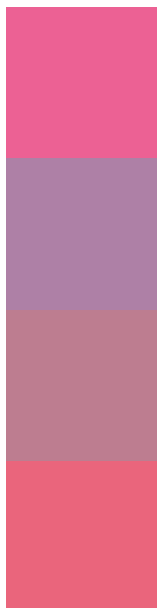
28.6542, 0.3357, 0.3291



Tritanopia

28.3720, 0.4700, 0.3219

Trichromacy



Original Color

28.5204, 0.4254, 0.2744

Protanomaly

27.1902, 0.3242, 0.2750

Deuteranomaly

27.4997, 0.3674, 0.3029

Tritanomaly

28.2550, 0.4551, 0.3046

Monochromacy



Original Color

28.5204, 0.4254, 0.2744

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.5702, 0.3516, 0.3030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5204, 0.4254, 0.2744 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(236, 97, 148)` looks like.

```
.text, #text, p{  
    color:rgb(236, 97, 148)  
}
```

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(236, 97, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 97, 148) }
```

Border

The CSS property to change the border of an element to Yxy 28.5204, 0.4254, 0.2744 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(236, 97, 148) }
```

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

```
.border{ border-color:rgb(236, 97, 148) }
```

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

Here you see how a box with a 4 pixel rgb(236, 97, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 97, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 97, 148);  
box-shadow:4px 4px 4px 4px rgb(236, 97,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5204, 0.4254, 0.2744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 97, 148) }
```

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

```
.background{ background-color: rgb(236, 97,  
148) }
```

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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