

Converting Colors

$Y_{xy}(34.1404, 0.3526, 0.2510)$

Have a look what the booklet for
Yxy(34.1404, 0.3526, 0.2510)
contains.

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Color

Yxy(34.1404, 0.3526, 0.2510)

Conversions

Conversions Part 1

Format	Color
Hex	E27BC0
RGB	226, 123, 192
RGB Percent	89%, 48%, 75%
CMY	0.1137, 0.5176, 0.2471
CMYK	0.00, 0.46, 0.15, 0.11
HSL	320°, 64%, 68%
HSV	320°, 46%, 89%
XYZ	47.9598, 34.1404, 53.9173
YIQ	161.6630, 39.2390, 43.2950

Conversions

Conversions Part 2

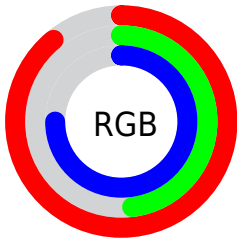
Format	Color
R _Y B	226, 123, 192
Decimal	14842816
CIE Lab	65.07, 48.60, -18.45
CIE LCh	65, 51.987, 339.217
Yxy	34.1404, 0.3526, 0.2510
Android (android.graphics.Color)	4293032896 (0xFFE27BC0)
YUV	161.6630, 14.9561, 56.4235
Hunter-Lab	58.4298, 44.2625, -13.8103

Details

The Yxy color **34.1404, 0.3526, 0.2510** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **61.0414, 0.2879, 0.4239**, and the grayscale version is **35.8816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8781, 0.3216, 0.2598**, and **14.6503, 0.3647, 0.2309** is the 20% darker color. If you saturate the color by 10%, you get **28.8442, 0.3651, 0.2357**, and if you desaturate by 10%, it is **40.7507, 0.3415, 0.2679**.

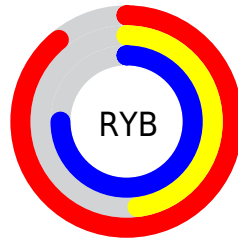
Distribution



Red (89%)

Green (48%)

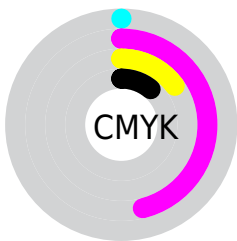
Blue (75%)



Red (89%)

Yellow (48%)

Blue (75%)

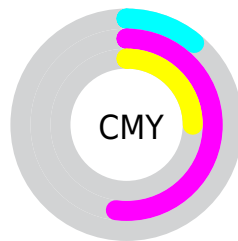


Cyan (0%)

Magenta (46%)

Yellow (15%)

Black (11%)



Cyan (11%)

Magenta (52%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1404, 0.3526, 0.2510 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 34.1404, 0.3526, 0.2510 by changing the saturation by 10% instead.


 34.1404, 0.3526,
0.2510


 34.1404, 0.3526,
0.2510


320.7576, 0.3329,
0.2892

 23.0015, 0.3574,
0.2417


 66.1519, 0.3455,
0.2647

 14.5946, 0.3635,
0.2300


 87.7934, 0.3429,
0.2699

 8.5354, 0.3714,
0.2148

 113.7044, 0.3406,
0.2743

 4.4394, 0.3822,
0.1942

144.2694, 0.3386,
0.2781

 1.9223, 0.3976,
0.1653

179.8729, 0.3369,
0.2815

 0.5617, 0.4241,
0.1156

220.8991, 0.3354,

 0.0000, 0.4899,

0.2844

0.0000

267.7326, 0.3341,
0.2870

0.0000, 0.0000,
0.0000

34.1404, 0.3526,
0.2510

34.1404, 0.3526,
0.2510

28.8442, 0.3651,
0.2357

40.7507, 0.3415,
0.2679

24.7668, 0.3786,
0.2232

48.7523, 0.3317,
0.2854

21.8077, 0.3929,
0.2145


58.2220, 0.3233,
0.3029


19.8479, 0.4074,
0.2104


69.2296, 0.3162,
0.3199


18.7411, 0.4217,
0.2115

81.8403, 0.3102,
0.3360

 18.4146, 0.4279,
0.2131

 93.7905, 0.3052,
0.3475

 94.2356, 0.3011,
0.3398

 94.6990, 0.2970,
0.3323

 94.9092, 0.2952,
0.3289

Harmonies

Analogous

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



34.1404, 0.2722, 0.2187



34.1404, 0.3526, 0.2510



34.1404, 0.4293, 0.2995

Triad

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



34.1404, 0.3526, 0.2510



34.1404, 0.4093, 0.4629



34.1404, 0.1774, 0.2695

Complementary

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



34.1404, 0.3526, 0.2510



61.0414, 0.2879, 0.4239

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.



34.1404, 0.2046, 0.3466



34.1404, 0.3526, 0.2510



34.1404, 0.3366, 0.4763

Square

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



34.1404, 0.3526, 0.2510



34.1404, 0.4600, 0.4147



34.1404, 0.2616, 0.4313



34.1404, 0.1806, 0.2236

Rectangle

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



34.1404, 0.3526, 0.2510



34.1404, 0.4619, 0.3369



34.1404, 0.2616, 0.4313



34.1404, 0.1830, 0.2922

Sweetspot

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



34.1420, 0.3526, 0.2510



78.5632, 0.3222, 0.3055



26.6896, 0.2525, 0.1956



16.1869, 0.3239, 0.3017



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.



34.1420, 0.3526, 0.2510



38.0514, 0.3648, 0.2360



32.2870, 0.4122, 0.3072



13.8546, 0.3188, 0.3134



10.5281, 0.4258, 0.2119



0.7461, 0.4056, 0.2008

Inverse Universe

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



34.1420, 0.3526, 0.2510



38.0514, 0.3648, 0.2360



63.1168, 0.2612, 0.3534



13.8546, 0.3188, 0.3134



10.5281, 0.4258, 0.2119



0.7461, 0.4056, 0.2008

Previews

White Background



This preview shows how the Yxy color 34.1404, 0.3526, 0.2510 looks on a white background.

Color Contrast Check

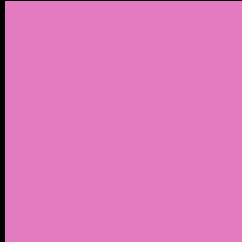
Large Text (above 18pt) WCAG AA × Fail

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 34.1404, 0.3526, 0.2510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

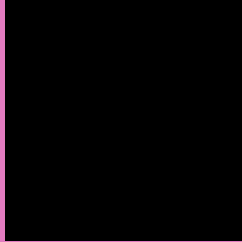
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1404, 0.3526, 0.2510

Background



This preview shows how black text looks on a background with the Yxy color 34.1404, 0.3526, 0.2510.



This preview shows how white text looks on a background with the Yxy color 34.1404, 0.3526, 0.2510.

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

34.1404, 0.3526, 0.2510

Protanopia

34.3975, 0.2530, 0.2467

Deuteranopia

34.5041, 0.2896, 0.2840



Tritanopia

34.1304, 0.4012, 0.3172

Trichromacy



Original Color

34.1404, 0.3526, 0.2510



Protanomaly

33.2222, 0.2835, 0.2463



Deuteranomaly

33.5094, 0.3106, 0.2684



Tritanomaly

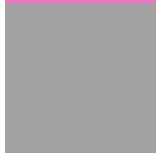
33.9617, 0.3835, 0.2913

Monochromacy



Original Color

34.1404, 0.3526, 0.2510



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

34.5112, 0.3264, 0.2954

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1404, 0.3526, 0.2510 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(226, 123, 192)` looks like.

```
.text, #text, p{  
    color:rgb(226, 123, 192)  
}
```

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(226, 123, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 123, 192) }
```

Border

The CSS property to change the border of an element to Yxy 34.1404, 0.3526, 0.2510 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(226, 123, 192) }
```

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

```
.border{ border-color:rgb(226, 123, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 123, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 123, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 123, 192);  
box-shadow:4px 4px 4px 4px rgb(226, 123,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1404, 0.3526, 0.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 123, 192) }
```

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

```
.background{ background-color: rgb(226,  
123, 192) }
```

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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