

Converting Colors

Yxy(34.1740, 0.3527, 0.2489)

Have a look what the booklet for
Yxy(34.1740, 0.3527, 0.2489)
contains.

Yxy(34.1002, 0.3527, 0.2492)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(34.1002, 0.3527, 0.2492)

Conversions

Conversions Part 1

Format	Color
Hex	E37AC1
RGB	227, 122, 193
RGB Percent	89%, 48%, 76%
CMY	0.1098, 0.5215, 0.2432
CMYK	0.00, 0.46, 0.15, 0.11
HSL	319°, 65%, 68%
HSV	319°, 46%, 89%
XYZ	48.2630, 34.1002, 54.4755
YIQ	161.4890, 39.7890, 44.3410

Conversions

Conversions Part 2

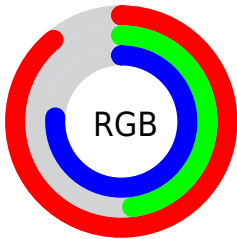
Format	Color
R _Y B	227, 122, 193
Decimal	14908097
CIE Lab	65.04, 49.58, -19.05
CIE LCh	65, 53.111, 338.986
Yxy	34.1002, 0.3527, 0.2492
Android (android.graphics.Color)	4293098177 (0xFFE37AC1)
YUV	161.4890, 15.5349, 57.4531
Hunter-Lab	58.3954, 45.3360, -14.4333

Details

The Yxy color **34.1002, 0.3527, 0.2492** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **61.4818, 0.2879, 0.4266**, and the grayscale version is **35.7932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.6064, 0.3201, 0.2571**, and **14.5553, 0.3633, 0.2284** is the 20% darker color. If you saturate the color by 10%, you get **28.8427, 0.3650, 0.2340**, and if you desaturate by 10%, it is **40.6791, 0.3417, 0.2661**.

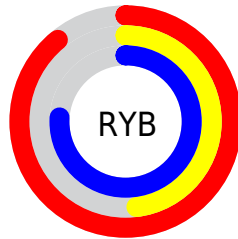
Distribution



Red (89%)

Green (48%)

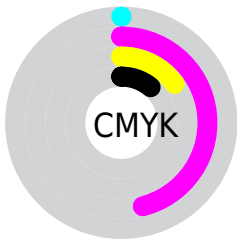
Blue (76%)



Red (89%)

Yellow (48%)

Blue (76%)

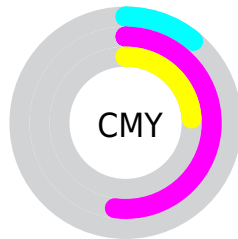


Cyan (0%)

Magenta (46%)

Yellow (15%)

Black (11%)



Cyan (11%)


Magenta (52%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1002, 0.3527, 0.2492 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 34.1002, 0.3527, 0.2492 by changing the saturation by 10% instead.


 34.1002, 0.3527,
0.2492


 34.1002, 0.3527,
0.2492


320.5786, 0.3331,
0.2883

 22.9706, 0.3575,
0.2398


 66.0895, 0.3457,
0.2632

 14.5718, 0.3635,
0.2279


 87.7179, 0.3430,
0.2685

 8.5194, 0.3714,
0.2124

 113.6147, 0.3407,
0.2730

 4.4291, 0.3821,
0.1916

144.1643, 0.3388,
0.2769

 1.9164, 0.3972,
0.1623

179.7511, 0.3370,
0.2803

 0.5582, 0.4230,
0.1125

220.7595, 0.3356,


 0.0000, 0.4841,


0.2833


0.0000


267.5739, 0.3342,
0.2859


 0.0000, 0.0000,
0.0000

 34.1002, 0.3527,
0.2492


 34.1002, 0.3527,
0.2492


 28.8427, 0.3650,
0.2340


 40.6791, 0.3417,
0.2661


 24.8095, 0.3783,
0.2215


 48.6579, 0.3320,
0.2838


 21.8981, 0.3923,
0.2130


 58.1147, 0.3237,
0.3015

 19.9866, 0.4065,
0.2092

 69.1203, 0.3166,
0.3187

 18.9233, 0.4203,
0.2105

 81.7410, 0.3106,
0.3350

 18.6463, 0.4255,
0.2117

 93.9736, 0.3057,
0.3471

 94.4128, 0.3016,
0.3396

 94.8700, 0.2975,
0.3321

 95.0721, 0.2958,
0.3290

Harmonies

Analogous

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



34.1002, 0.2708, 0.2166



34.1002, 0.3527, 0.2492



34.1002, 0.4314, 0.2983

Triad

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



34.1002, 0.3527, 0.2492



34.1002, 0.4114, 0.4652



34.1002, 0.1750, 0.2686

Complementary

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



34.1002, 0.3527, 0.2492



61.4818, 0.2879, 0.4266

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.



34.1002, 0.2027, 0.3475



34.1002, 0.3527, 0.2492



34.1002, 0.3374, 0.4799

Square

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



34.1002, 0.3527, 0.2492



34.1002, 0.4631, 0.4155



34.1002, 0.2609, 0.4344



34.1002, 0.1781, 0.2217

Rectangle

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



34.1002, 0.3527, 0.2492



34.1002, 0.4649, 0.3363



34.1002, 0.2609, 0.4344



34.1002, 0.1807, 0.2918

Sweetspot

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



34.1018, 0.3527, 0.2492



78.5767, 0.3220, 0.3053



26.4610, 0.2514, 0.1934



16.1902, 0.3237, 0.3015



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.



34.1018, 0.3527, 0.2492



37.4820, 0.3651, 0.2338



32.1834, 0.4145, 0.3069



14.5316, 0.3187, 0.3132



10.8960, 0.4235, 0.2107



0.8220, 0.4048, 0.2003

Inverse Universe

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



34.1018, 0.3527, 0.2492



37.4820, 0.3651, 0.2338



63.6224, 0.2606, 0.3538



14.5316, 0.3187, 0.3132



10.8960, 0.4235, 0.2107



0.8220, 0.4048, 0.2003

Previews

White Background



This preview shows how the Yxy color 34.1002, 0.3527, 0.2492 looks on a white background.

Color Contrast Check

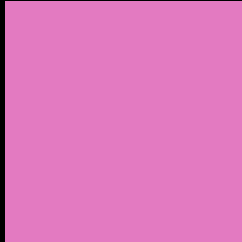
Large Text (above 18pt) WCAG AA × Fail

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 34.1002, 0.3527, 0.2492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

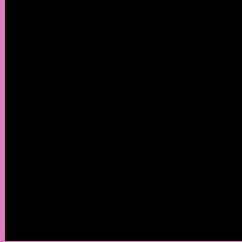
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1002, 0.3527, 0.2492

Background



This preview shows how black text looks on a background with the Yxy color 34.1002, 0.3527, 0.2492.



This preview shows how white text looks on a background with the Yxy color 34.1002, 0.3527, 0.2492.

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

34.1002, 0.3527, 0.2492

Protanopia

34.4143, 0.2510, 0.2443

Deuteranopia

34.4015, 0.2887, 0.2838



Tritanopia

34.2576, 0.4034, 0.3185

Trichromacy



Original Color

34.1002, 0.3527, 0.2492



Protanomaly

33.3206, 0.2819, 0.2440



Deuteranomaly

33.5094, 0.3106, 0.2684



Tritanomaly

34.1210, 0.3846, 0.2914

Monochromacy



Original Color

34.1002, 0.3527, 0.2492



Achromatopsia

35.6400, 0.3127, 0.3290



Achromatomaly

34.1989, 0.3266, 0.2940

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1002, 0.3527, 0.2492 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(227, 122, 193)` looks like.

```
.text, #text, p{  
    color:rgb(227, 122, 193)  
}
```

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(227, 122, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 122, 193) }
```

Border

The CSS property to change the border of an element to Yxy 34.1002, 0.3527, 0.2492 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(227, 122, 193) }
```

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

```
.border{ border-color:rgb(227, 122, 193) }
```

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

Here you see how a box with a 4 pixel rgb(227, 122, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 122, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 122, 193);  
box-shadow:4px 4px 4px 4px rgb(227, 122,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1002, 0.3527, 0.2492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 122, 193) }
```

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

```
.background{ background-color: rgb(227,  
122, 193) }
```

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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