

Converting Colors

$Y_{xy}(30.7605, 0.4339, 0.3134)$

Have a look what the booklet for
Yxy(30.7605, 0.4339, 0.3134)
contains.

Yxy(30.7605, 0.4339, 0.3134)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.7605, 0.4339, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	E57482
RGB	229, 116, 130
RGB Percent	90%, 45%, 51%
CMY	0.1019, 0.5451, 0.4903
CMYK	0.00, 0.49, 0.43, 0.10
HSL	353°, 68%, 68%
HSV	353°, 49%, 90%
XYZ	42.5877, 30.7605, 24.8027
YIQ	151.3830, 62.8540, 28.3100

Conversions

Conversions Part 2

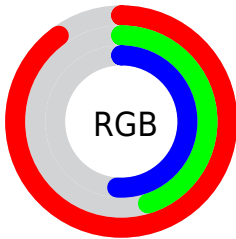
Format	Color
R _Y B	229, 116, 130
Decimal	15037570
CIE Lab	62.30, 45.08, 12.86
CIE LCh	62, 46.884, 15.924
Yxy	30.7605, 0.4339, 0.3134
Android (android.graphics.Color)	4293227650 (0xFFE57482)
YUV	151.3830, -10.5418, 68.0701
Hunter-Lab	55.4621, 40.0059, 12.3089

Details

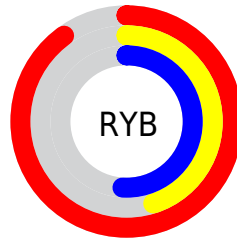
The Yxy color **30.7605, 0.4339, 0.3134** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **64.6632, 0.2547, 0.3468**, and the grayscale version is **31.1464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4283, 0.3789, 0.3155**, and **12.6951, 0.4755, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **25.6298, 0.4745, 0.3115**, and if you desaturate by 10%, it is **37.3005, 0.3989, 0.3163**.

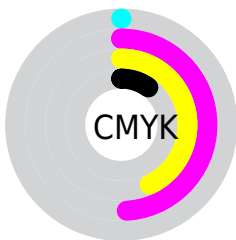
Distribution



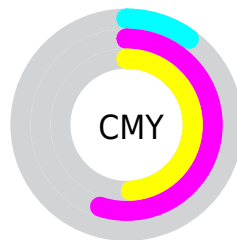
- Red (90%)
- Green (45%)
- Blue (51%)



- Red (90%)
- Yellow (45%)
- Blue (51%)



- Cyan (0%)
- Magenta (49%)
- Yellow (43%)
- Black (10%)




- Cyan (10%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7605, 0.4339, 0.3134 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 30.7605, 0.4339, 0.3134 by changing the saturation by 10% instead.

 30.7605, 0.4339,
0.3134


 30.7605, 0.4339,
0.3134


305.4334, 0.3687,
0.3237


 20.4165, 0.4516,
0.3099

 60.8628, 0.4091,
0.3178

 12.6982, 0.4752,
0.3048

 81.3899, 0.4001,
0.3193

 7.2211, 0.5079,
0.2968


 106.0803, 0.3927,
0.3204

 3.6007, 0.5556,
0.2833

135.3182, 0.3864,
0.3213

 1.4528, 0.6352,
0.2602

169.4880, 0.3810,
0.3221

 0.2552, 0.8503,
0.1497

208.9743, 0.3763,


 0.0000, 1.0000,


0.3227


0.0000


254.1613, 0.3722,
0.3232

 0.0000, 0.0000,
0.0000

 30.7605, 0.4339,
0.3134


 30.7605, 0.4339,
0.3134


 25.6298, 0.4745,
0.3115


 37.3005, 0.3989,
0.3163


 21.8003, 0.5187,
0.3111

 45.3382, 0.3698,
0.3196

 19.1556, 0.5624,
0.3128

 54.9603, 0.3462,
0.3229


 17.5566, 0.5997,
0.3169


 66.2456, 0.3271,
0.3262

 16.7834, 0.6253,
0.3223

 79.2674, 0.3118,
0.3292

 16.7442, 0.6266,
0.3226

 94.0949, 0.2995,
0.3320

 95.3989, 0.2970,
0.3290

Harmonies

Analogous

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



30.7605, 0.3676, 0.2647



30.7605, 0.4339, 0.3134



30.7605, 0.4619, 0.3685

Triad

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



30.7605, 0.4339, 0.3134



30.7605, 0.3198, 0.4612



30.7605, 0.1923, 0.2243

Complementary

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



30.7605, 0.4339, 0.3134



64.6632, 0.2547, 0.3468

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.



30.7605, 0.1832, 0.2615



30.7605, 0.4339, 0.3134



30.7605, 0.2512, 0.4079

Square

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



30.7605, 0.4339, 0.3134



30.7605, 0.3902, 0.4613



30.7605, 0.2028, 0.3280



30.7605, 0.2288, 0.2152

Rectangle

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



30.7605, 0.4339, 0.3134



30.7605, 0.4543, 0.4052



30.7605, 0.2028, 0.3280



30.7605, 0.1862, 0.2333

Sweetspot

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



30.7621, 0.4339, 0.3134



76.0029, 0.3375, 0.3243



32.4365, 0.3037, 0.2048



15.6319, 0.3417, 0.3236



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.



30.7621, 0.4339, 0.3134



32.7055, 0.4745, 0.3115



42.1828, 0.4252, 0.3768



14.3968, 0.3273, 0.3261



9.5824, 0.6241, 0.3212



0.7176, 0.5923, 0.3037

Inverse Universe

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



30.7621, 0.4339, 0.3134



32.7055, 0.4745, 0.3115



45.1548, 0.2376, 0.2734



14.3968, 0.3273, 0.3261



9.5824, 0.6241, 0.3212



0.7176, 0.5923, 0.3037

Previews

White Background



This preview shows how the Yxy color 30.7605, 0.4339, 0.3134 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 30.7605, 0.4339, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

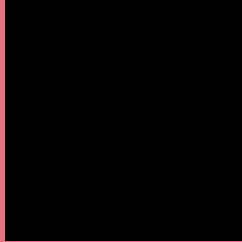
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7605, 0.4339, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 30.7605, 0.4339, 0.3134.



This preview shows how white text looks on a background with the Yxy color 30.7605, 0.4339, 0.3134.

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

30.7605, 0.4339, 0.3134

Protanopia

30.8208, 0.3187, 0.3321

Deuteranopia

30.8454, 0.3662, 0.3585



Tritanopia

30.8613, 0.4398, 0.3203

Trichromacy



Original Color

30.7605, 0.4339, 0.3134

Protanomaly

29.9238, 0.3577, 0.3249

Deuteranomaly

30.1846, 0.3912, 0.3387

Tritanomaly

30.9129, 0.4372, 0.3180

Monochromacy



Original Color

30.7605, 0.4339, 0.3134

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.7438, 0.3533, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7605, 0.4339, 0.3134 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(229, 116, 130)` looks like.

```
.text, #text, p{  
    color:rgb(229, 116, 130)  
}
```

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(229, 116, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 116, 130) }
```

Border

The CSS property to change the border of an element to Yxy 30.7605, 0.4339, 0.3134 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(229, 116, 130) }
```

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

```
.border{ border-color:rgb(229, 116, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 116, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 116, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 116, 130); box-shadow:4px 4px 4px 4px rgb(229, 116, 130) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7605, 0.4339, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 116, 130) }
```

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

```
.background{ background-color: rgb(229,  
116, 130) }
```

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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