

Converting Colors

Yxy(30.8669, 0.4407, 0.3198)

Have a look what the booklet for
Yxy(30.8669, 0.4407, 0.3198)
contains.

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Color

Yxy(31.0262, 0.4408, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	E6757D
RGB	230, 117, 125
RGB Percent	90%, 46%, 49%
CMY	0.0980, 0.5412, 0.5098
CMYK	0.00, 0.49, 0.46, 0.10
HSL	356°, 69%, 68%
HSV	356°, 49%, 90%
XYZ	42.6986, 31.0262, 23.1413
YIQ	151.6990, 64.7800, 26.4440

Conversions

Conversions Part 2

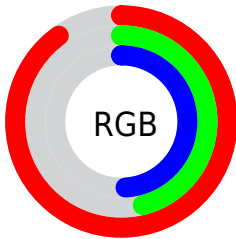
Format	Color
R _Y B	230, 117, 125
Decimal	15103357
CIE _{Lab}	62.53, 44.45, 16.04
CIE _{LCh}	63, 47.254, 19.845
Yxy	31.0262, 0.4408, 0.3203
Android (android.graphics.Color)	4293293437 (0xFFE6757D)
YUV	151.6990, -13.1626, 68.6700
Hunter-Lab	55.7012, 39.3548, 14.3585

Details

The Yxy color **31.0262, 0.4408, 0.3203** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **65.6550, 0.2521, 0.3390**, and the grayscale version is **31.3005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6002, 0.3833, 0.3218**, and **12.8465, 0.4856, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **25.8217, 0.4838, 0.3193**, and if you desaturate by 10%, it is **37.6679, 0.4036, 0.3219**.

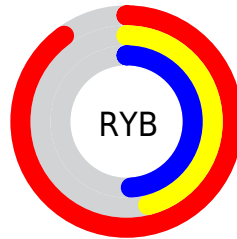
Distribution



Red (90%)

Green (46%)

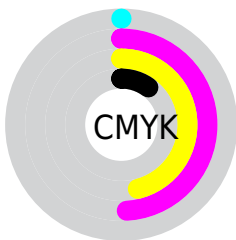
Blue (49%)



Red (90%)

Yellow (46%)

Blue (49%)

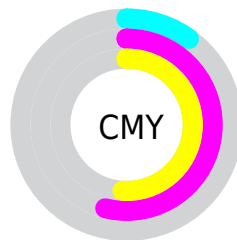


Cyan (0%)

Magenta (49%)

Yellow (46%)

Black (10%)



Cyan (10%)


Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0262, 0.4408, 0.3203 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 31.0262, 0.4408, 0.3203 by changing the saturation by 10% instead.

 31.0262, 0.4408,
0.3203


 31.0262, 0.4408,
0.3203


306.6590, 0.3719,
0.3274

 20.6188, 0.4594,
0.3174


 61.2813, 0.4147,
0.3236

 12.8456, 0.4842,
0.3131

 81.8978, 0.4052,
0.3247

 7.3223, 0.5182,
0.3059


 106.6862, 0.3973,
0.3254

 3.6645, 0.5676,
0.2931

136.0307, 0.3906,
0.3260

 1.4877, 0.6554,
0.2732

170.3159, 0.3849,
0.3265

 0.2801, 0.8391,
0.1609

209.9261, 0.3800,

 0.0000, 1.0000,

0.3269


0.0000

255.2456, 0.3757,
0.3272

 0.0000, 0.0000,
0.0000

 31.0262, 0.4408,
0.3203


 31.0262, 0.4408,
0.3203

 25.8217, 0.4838,
0.3193

 37.6679, 0.4036,
0.3219


 21.9439, 0.5300,
0.3193


 45.8372, 0.3727,
0.3237


 19.2739, 0.5745,
0.3207


 55.6227, 0.3477,
0.3256


 17.6696, 0.6105,
0.3234

 67.1048, 0.3276,
0.3274

 16.9120, 0.6326,
0.3265

 80.3586, 0.3115,
0.3291

 16.8629, 0.6340,
0.3266

 95.4514, 0.2985,
0.3307

 95.5646, 0.2976,
0.3290

Harmonies

Analogous

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



31.0262, 0.3779, 0.2702



31.0262, 0.4408, 0.3203



31.0262, 0.4627, 0.3759

Triad

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



31.0262, 0.4408, 0.3203



31.0262, 0.3102, 0.4578



31.0262, 0.1950, 0.2211

Complementary

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



31.0262, 0.4408, 0.3203



65.6550, 0.2521, 0.3390

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.



31.0262, 0.1823, 0.2545



31.0262, 0.4408, 0.3203



31.0262, 0.2430, 0.3984

Square

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



31.0262, 0.4408, 0.3203



31.0262, 0.3819, 0.4648



31.0262, 0.1980, 0.3178



31.0262, 0.2352, 0.2153

Rectangle

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



31.0262, 0.4408, 0.3203



31.0262, 0.4512, 0.4123



31.0262, 0.1980, 0.3178



31.0262, 0.1877, 0.2289

Sweetspot

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



31.0278, 0.4408, 0.3203



75.8956, 0.3390, 0.3263



33.7444, 0.3092, 0.2073



15.6065, 0.3434, 0.3260



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.



31.0278, 0.4408, 0.3203



32.5143, 0.4847, 0.3193



44.6910, 0.4211, 0.3830



14.3845, 0.3281, 0.3274



9.5524, 0.6322, 0.3257



0.7117, 0.6115, 0.3142

Inverse Universe

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



31.0278, 0.4408, 0.3203



32.5143, 0.4847, 0.3193



43.3304, 0.2363, 0.2657



14.3845, 0.3281, 0.3274



9.5524, 0.6322, 0.3257



0.7117, 0.6115, 0.3142

Previews

White Background



This preview shows how the Yxy color 31.0262, 0.4408, 0.3203 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 31.0262, 0.4408, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

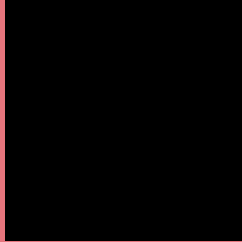
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0262, 0.4408, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 31.0262, 0.4408, 0.3203.



This preview shows how white text looks on a background with the Yxy color 31.0262, 0.4408, 0.3203.

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

31.0262, 0.4408, 0.3203

Protanopia

31.2543, 0.3275, 0.3429

Deuteranopia

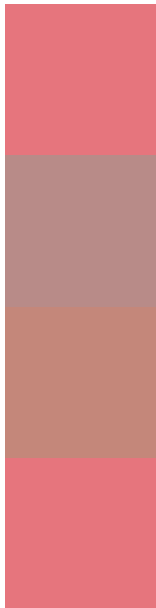
31.2609, 0.3733, 0.3670



Tritanopia

31.0262, 0.4408, 0.3203

Trichromacy



Original Color

31.0262, 0.4408, 0.3203

Protanomaly

30.4332, 0.3664, 0.3334

Deuteranomaly

30.4688, 0.3977, 0.3468

Tritanomaly

31.0262, 0.4408, 0.3203

Monochromacy



Original Color

31.0262, 0.4408, 0.3203

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.1215, 0.3552, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0262, 0.4408, 0.3203 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(230, 117, 125)` looks like.

```
.text, #text, p{  
    color:rgb(230, 117, 125)  
}
```

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(230, 117, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 117, 125) }
```

Border

The CSS property to change the border of an element to Yxy 31.0262, 0.4408, 0.3203 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(230, 117, 125) }
```

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

```
.border{ border-color:rgb(230, 117, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 117, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 117, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 117, 125);  
box-shadow:4px 4px 4px 4px rgb(230, 117,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0262, 0.4408, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 117, 125) }
```

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

```
.background{ background-color: rgb(230,  
117, 125) }
```

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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