

Converting Colors

$Y_{xy}(32.2882, 0.4593, 0.3384)$

Have a look what the booklet for
Yxy(32.2882, 0.4593, 0.3384)
contains.

Yxy(32.2650, 0.4601, 0.3382)	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(32.2650, 0.4601, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	EB7870
RGB	235, 120, 112
RGB Percent	92%, 47%, 44%
CMY	0.0786, 0.5293, 0.5608
CMYK	0.00, 0.49, 0.52, 0.08
HSL	4°, 75%, 68%
HSV	4°, 52%, 92%
XYZ	43.8945, 32.2650, 19.2426
YIQ	153.4730, 71.1080, 21.8920

Conversions

Conversions Part 2

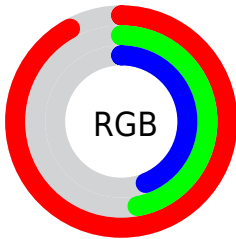
Format	Color
R _Y B	235, 121, 112
Decimal	15431792
CIE Lab	63.56, 43.54, 24.94
CIE LCh	64, 50.180, 29.801
Yxy	32.2650, 0.4601, 0.3382
Android (android.graphics.Color)	4293621872 (0xFFEB7870)
YUV	153.4730, -20.4462, 71.4992
Hunter-Lab	56.8023, 38.5336, 19.6762

Details

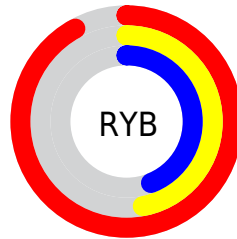
The Yxy color **32.2650, 0.4601, 0.3382** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **64.3454, 0.2433, 0.3187**, and the grayscale version is **32.1428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2124, 0.3953, 0.3398**, and **13.6184, 0.5082, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **27.1177, 0.5053, 0.3391**, and if you desaturate by 10%, it is **38.7637, 0.4198, 0.3367**.

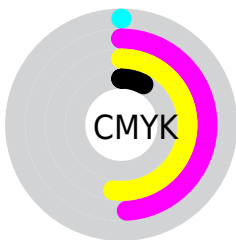
Distribution



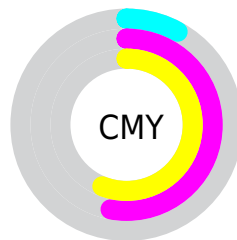
- Red (92%)
- Green (47%)
- Blue (44%)



- Red (92%)
- Yellow (47%)
- Blue (44%)



- Cyan (0%)
- Magenta (49%)
- Yellow (52%)
- Black (8%)





- Cyan (8%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2650, 0.4601, 0.3382 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 32.2650, 0.4601, 0.3382 by changing the saturation by 10% instead.

 32.2650, 0.4601,
0.3382


 32.2650, 0.4601,
0.3382


312.3246, 0.3815,
0.3374


 21.5640, 0.4809,
0.3369


 63.2263, 0.4306,
0.3390


 13.5369, 0.5080,
0.3341


 84.2554, 0.4197,
0.3389

 7.7993, 0.5446,
0.3284


 109.4959, 0.4107,
0.3388

 3.9668, 0.5954,
0.3166

 139.3323, 0.4031,
0.3385

 1.6550, 0.6966,
0.3034

174.1490, 0.3965,
0.3383

 0.3943, 0.8012,
0.1988

214.3304, 0.3908,

 0.0000, 1.0000,

0.3380


0.0000

260.2608, 0.3859,
0.3377


 0.0000, 0.0000,
0.0000

 32.2650, 0.4601,
0.3382


 32.2650, 0.4601,
0.3382


 27.1177, 0.5053,
0.3391


 38.7637, 0.4198,
0.3367


 23.2219, 0.5517,
0.3390


 46.6943, 0.3856,
0.3349


 20.4722, 0.5933,
0.3375

 56.1371, 0.3576,
0.3330

 18.7434, 0.6231,
0.3348

 67.1651, 0.3348,
0.3311

 18.0084, 0.6364,
0.3329

 79.8462, 0.3165,
0.3294

■ 94.2448, 0.3017,
0.3278

■ 96.3970, 0.3005,
0.3290

Harmonies

Analogous

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



32.2650, 0.4062, 0.2837



32.2650, 0.4601, 0.3382



32.2650, 0.4659, 0.3961

Triad

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



32.2650, 0.4601, 0.3382



32.2650, 0.2847, 0.4494



32.2650, 0.2009, 0.2117

Complementary

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



32.2650, 0.4601, 0.3382



64.3454, 0.2433, 0.3187

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.



32.2650, 0.1783, 0.2360



32.2650, 0.4601, 0.3382



32.2650, 0.2210, 0.3737

Square

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



32.2650, 0.4601, 0.3382



32.2650, 0.3602, 0.4753



32.2650, 0.1844, 0.2916



32.2650, 0.2516, 0.2145

Rectangle

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



32.2650, 0.4601, 0.3382



32.2650, 0.4440, 0.4326



32.2650, 0.1844, 0.2916



32.2650, 0.1902, 0.2166

Sweetspot

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



32.2667, 0.4601, 0.3382



75.6812, 0.3427, 0.3318



34.8920, 0.3245, 0.2090



15.6094, 0.3474, 0.3322



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.



32.2667, 0.4601, 0.3382



32.1454, 0.5097, 0.3391



51.3210, 0.4201, 0.4036



15.2119, 0.3291, 0.3306



10.0885, 0.6352, 0.3338



0.8478, 0.6226, 0.3438

Inverse Universe

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



64.3454, 0.2433, 0.3187



74.6258, 0.2340, 0.3163



37.2014, 0.2270, 0.2375



16.9436, 0.2981, 0.3274



31.7983, 0.2190, 0.3085



2.5478, 0.2199, 0.3116

Previews

White Background



This preview shows how the Yxy color 32.2650, 0.4601, 0.3382 looks on a white background.

Color Contrast Check

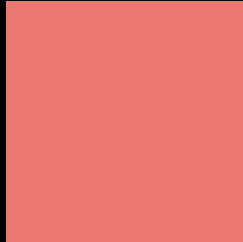
Large Text (above 18pt) WCAG AA × Fail

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 32.2650, 0.4601, 0.3382 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 32.2650, 0.4601, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 32.2650, 0.4601, 0.3382.



This preview shows how white text looks on a background with the Yxy color 32.2650, 0.4601, 0.3382.

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

32.2650, 0.4601, 0.3382

Protanopia

32.4300, 0.3479, 0.3700

Deuteranopia

32.4317, 0.3936, 0.3867



Tritanopia

32.2961, 0.4451, 0.3206

Trichromacy



Original Color

32.2650, 0.4601, 0.3382

Protanomaly

31.5700, 0.3864, 0.3569

Deuteranomaly

31.9776, 0.4184, 0.3668

Tritanomaly

32.4070, 0.4507, 0.3272

Monochromacy



Original Color

32.2650, 0.4601, 0.3382

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.9520, 0.3624, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2650, 0.4601, 0.3382 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(235, 120, 112)` looks like.

```
.text, #text, p{  
    color:rgb(235, 120, 112)  
}
```

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(235, 120, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 120, 112) }
```

Border

The CSS property to change the border of an element to Yxy 32.2650, 0.4601, 0.3382 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(235, 120, 112) }
```

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

```
.border{ border-color:rgb(235, 120, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 120, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 120, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 120, 112); box-shadow:4px 4px 4px 4px rgb(235, 120, 112) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.2650, 0.4601, 0.3382$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 120, 112) }
```

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

```
.background{ background-color: rgb(235,  
120, 112) }
```

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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