

Converting Colors

$Y_{xy}(32.0275, 0.4588, 0.3327)$

Have a look what the booklet for
Yxy(32.0275, 0.4588, 0.3327)
contains.

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Color

Yxy(32.0275, 0.4588, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	EC7673
RGB	236, 118, 115
RGB Percent	93%, 46%, 45%
CMY	0.0745, 0.5372, 0.5490
CMYK	0.00, 0.50, 0.51, 0.07
HSL	1°, 76%, 69%
HSV	1°, 51%, 93%
XYZ	44.1666, 32.0275, 20.0713
YIQ	152.9400, 71.2910, 24.0830

Conversions

Conversions Part 2

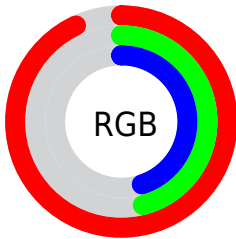
Format	Color
R _Y B	236, 118, 115
Decimal	15496819
CIE Lab	63.37, 45.18, 23.01
CIE LCh	63, 50.707, 26.990
Yxy	32.0275, 0.4588, 0.3327
Android (android.graphics.Color)	4293686899 (0xFFEC7673)
YUV	152.9400, -18.7044, 72.8436
Hunter-Lab	56.5928, 40.2687, 18.5871

Details

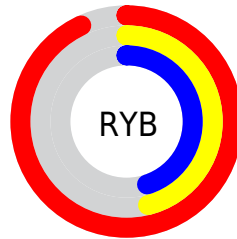
The Yxy color **32.0275, 0.4588, 0.3327** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **67.9778, 0.2456, 0.3251**, and the grayscale version is **31.8880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9372, 0.3929, 0.3356**, and **13.4159, 0.5072, 0.3270** is the 20% darker color. If you saturate the color by 10%, you get **26.7786, 0.5050, 0.3331**, and if you desaturate by 10%, it is **38.7409, 0.4179, 0.3320**.

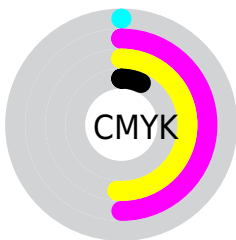
Distribution



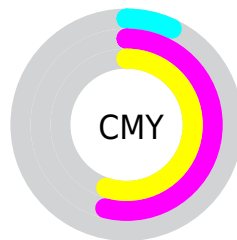
- Red (93%)
- Green (46%)
- Blue (45%)



- Red (93%)
- Yellow (46%)
- Blue (45%)



- Cyan (0%)
- Magenta (50%)
- Yellow (51%)
- Black (7%)




- Cyan (7%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0275, 0.4588, 0.3327 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 32.0275, 0.4588, 0.3327 by changing the saturation by 10% instead.


 32.0275, 0.4588,
0.3327


 32.0275, 0.4588,
0.3327


311.2445, 0.3807,
0.3345


 21.3825, 0.4795,
0.3308


 62.8542, 0.4294,
0.3344

 13.4039, 0.5067,
0.3273


 83.8047, 0.4187,
0.3347

 7.7072, 0.5434,
0.3209


 108.9591, 0.4097,
0.3349

 3.9082, 0.5949,
0.3082

138.7019, 0.4021,
0.3349

 1.6223, 0.7034,
0.2962

173.4175, 0.3956,
0.3348

 0.3726, 0.8129,
0.1871

213.4902, 0.3900,


 0.0000, 1.0000,

0.3348

0.0000

259.3044, 0.3851,
0.3347


 0.0000, 0.0000,
0.0000


 32.0275, 0.4588,
0.3327


 32.0275, 0.4588,
0.3327


 26.7786, 0.5050,
0.3331


 38.7409, 0.4179,
0.3320


 22.8804, 0.5525,
0.3331


 47.0114, 0.3835,
0.3313


 20.2108, 0.5950,
0.3326

 56.9299, 0.3554,
0.3305

 18.6232, 0.6250,
0.3317

 68.5789, 0.3328,
0.3298

 17.9616, 0.6387,
0.3310

 82.0355, 0.3147,
0.3291

 96.5742, 0.3011,
0.3290

Harmonies

Analogous

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



32.0275, 0.4004, 0.2784



32.0275, 0.4588, 0.3327



32.0275, 0.4693, 0.3912

Triad

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



32.0275, 0.4588, 0.3327



32.0275, 0.2912, 0.4562



32.0275, 0.1964, 0.2115

Complementary

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



32.0275, 0.4588, 0.3327



67.9778, 0.2456, 0.3251

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.



32.0275, 0.1762, 0.2386



32.0275, 0.4588, 0.3327



32.0275, 0.2248, 0.3825

Square

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



32.0275, 0.4588, 0.3327



32.0275, 0.3675, 0.4765



32.0275, 0.1851, 0.2979



32.0275, 0.2449, 0.2119

Rectangle

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



32.0275, 0.4588, 0.3327



32.0275, 0.4496, 0.4287



32.0275, 0.1851, 0.2979



32.0275, 0.1865, 0.2172

Sweetspot

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



32.0292, 0.4588, 0.3327



76.2447, 0.3408, 0.3300



36.0340, 0.3204, 0.2077



15.6890, 0.3455, 0.3302



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.



32.0292, 0.4588, 0.3327



31.3959, 0.5097, 0.3331



50.7208, 0.4200, 0.3981



15.1140, 0.3292, 0.3296



9.9275, 0.6382, 0.3314



0.8008, 0.6332, 0.3354

Inverse Universe

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



67.9778, 0.2456, 0.3251



78.7931, 0.2365, 0.3242



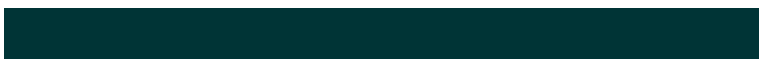
39.7738, 0.2298, 0.2454



17.0538, 0.2981, 0.3284



34.6042, 0.2226, 0.3212



2.7377, 0.2229, 0.3223

Previews

White Background



This preview shows how the Yxy color 32.0275, 0.4588, 0.3327 looks on a white background.

Color Contrast Check

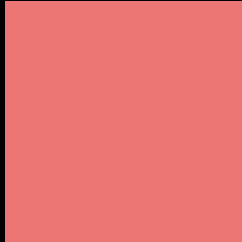
Large Text (above 18pt) WCAG AA × Fail

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 32.0275, 0.4588, 0.3327 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 32.0275, 0.4588, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 32.0275, 0.4588, 0.3327.



This preview shows how white text looks on a background with the Yxy color 32.0275, 0.4588, 0.3327.

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

32.0275, 0.4588, 0.3327

Protanopia

32.1025, 0.3431, 0.3625

Deuteranopia

32.0605, 0.3900, 0.3814



Tritanopia

32.2078, 0.4479, 0.3207

Trichromacy



Original Color

32.0275, 0.4588, 0.3327

Protanomaly

31.0557, 0.3840, 0.3500

Deuteranomaly

31.3347, 0.4153, 0.3606

Tritanomaly

32.1076, 0.4529, 0.3251

Monochromacy



Original Color

32.0275, 0.4588, 0.3327

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.6875, 0.3616, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0275, 0.4588, 0.3327 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(236, 118, 115)` looks like.

```
.text, #text, p{  
    color:rgb(236, 118, 115)  
}
```

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(236, 118, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 118, 115) }
```

Border

The CSS property to change the border of an element to Yxy 32.0275, 0.4588, 0.3327 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(236, 118, 115) }
```

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

```
.border{ border-color:rgb(236, 118, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 118, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 118, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 118, 115);  
box-shadow:4px 4px 4px 4px rgb(236, 118,  
115) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.0275, 0.4588, 0.3327$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 118, 115) }
```

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

```
.background{ background-color: rgb(236,  
118, 115) }
```

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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