

Converting Colors

Yxy(30.4351, 0.4592, 0.3296)

Have a look what the booklet for
Yxy(30.4351, 0.4592, 0.3296)
contains.

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Color

Yxy(30.4053, 0.4587, 0.3294)

Conversions

Conversions Part 1

Format	Color
Hex	E87272
RGB	232, 114, 114
RGB Percent	91%, 45%, 45%
CMY	0.0901, 0.5530, 0.5529
CMYK	0.00, 0.51, 0.51, 0.09
HSL	360°, 72%, 68%
HSV	360°, 51%, 91%
XYZ	42.3403, 30.4053, 19.5595
YIQ	149.2820, 70.3280, 25.0160

Conversions

Conversions Part 2

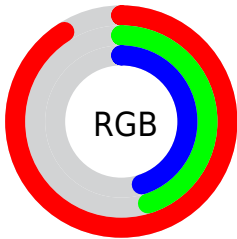
Format	Color
R _Y B	232, 114, 114
Decimal	15233650
CIE Lab	62.00, 45.65, 21.64
CIE LCh	62, 50.516, 25.363
Yxy	30.4053, 0.4587, 0.3294
Android (android.graphics.Color)	4293423730 (0xFFE87272)
YUV	149.2820, -17.3940, 72.5437
Hunter-Lab	55.1410, 40.5655, 17.5675

Details

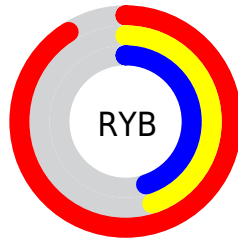
The Yxy color **30.4053, 0.4587, 0.3294** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **67.1315, 0.2467, 0.3288**, and the grayscale version is **30.2320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0184, 0.3957, 0.3314**, and **12.5015, 0.5082, 0.3231** is the 20% darker color. If you saturate the color by 10%, you get **25.3576, 0.5054, 0.3295**, and if you desaturate by 10%, it is **36.9174, 0.4174, 0.3293**.

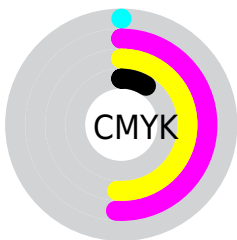
Distribution



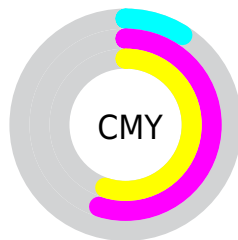
- Red (91%)
- Green (45%)
- Blue (45%)



- Red (91%)
- Yellow (45%)
- Blue (45%)



- Cyan (0%)
- Magenta (51%)
- Yellow (51%)
- Black (9%)





- Cyan (9%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4053, 0.4587, 0.3294 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 30.4053, 0.4587, 0.3294 by changing the saturation by 10% instead.


 30.4053, 0.4587,
0.3294

 30.4053, 0.4587,
0.3294


303.7891, 0.3800,
0.3328

 20.1464, 0.4799,
0.3270


 60.3025, 0.4289,
0.3317


 12.5015, 0.5077,
0.3230


 80.7097, 0.4181,
0.3322

 7.0862, 0.5458,
0.3157

 105.2684, 0.4090,
0.3325

 3.5161, 0.5996,
0.3017

 134.3631, 0.4014,
0.3327

 1.4067, 0.7133,
0.2867

168.3781, 0.3949,
0.3328

 0.2217, 0.8652,
0.1348

207.6978, 0.3893,


 0.0000, 1.0000,


0.3329


0.0000


252.7067, 0.3844,
0.3329

 0.0000, 0.0000,
0.0000


 30.4053, 0.4587,
0.3294


 30.4053, 0.4587,
0.3294


 25.3576, 0.5054,
0.3295


 36.9174, 0.4174,
0.3293


 21.6567, 0.5535,
0.3297


 44.9901, 0.3827,
0.3292


 19.1750, 0.5963,
0.3298

 54.7170, 0.3546,
0.3291

 17.7581, 0.6260,
0.3299

 66.1828, 0.3321,
0.3291

 17.1605, 0.6401,
0.3300

 79.4668, 0.3141,
0.3290

■ 94.6431, 0.2998,
0.3290

■ 95.9004, 0.2988,
0.3290

Harmonies

Analogous

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



30.4053, 0.3973, 0.2751



30.4053, 0.4587, 0.3294



30.4053, 0.4721, 0.3884

Triad

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



30.4053, 0.4587, 0.3294



30.4053, 0.2949, 0.4609



30.4053, 0.1932, 0.2108

Complementary

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



30.4053, 0.4587, 0.3294



67.1315, 0.2467, 0.3288

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.



30.4053, 0.1744, 0.2398



30.4053, 0.4587, 0.3294



30.4053, 0.2267, 0.3881

Square

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



30.4053, 0.4587, 0.3294



30.4053, 0.3721, 0.4779



30.4053, 0.1850, 0.3015



30.4053, 0.2406, 0.2100

Rectangle

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



30.4053, 0.4587, 0.3294



30.4053, 0.4535, 0.4267



30.4053, 0.1850, 0.3015



30.4053, 0.1837, 0.2171

Sweetspot

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



30.4069, 0.4587, 0.3294



75.7541, 0.3409, 0.3291



34.6921, 0.3165, 0.2063



15.5730, 0.3457, 0.3291



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.



30.4069, 0.4587, 0.3294



31.1793, 0.5075, 0.3295



47.5156, 0.4213, 0.3933



14.3681, 0.3293, 0.3290



9.5243, 0.6401, 0.3300



0.7038, 0.6400, 0.3299

Inverse Universe

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



30.4069, 0.4587, 0.3294



31.1793, 0.5075, 0.3295



40.0540, 0.2316, 0.2518



14.3681, 0.3293, 0.3290



9.5243, 0.6401, 0.3300



0.7038, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 30.4053, 0.4587, 0.3294 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 30.4053, 0.4587, 0.3294 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 30.4053, 0.4587, 0.3294

Background



This preview shows how black text looks on a background with the Yxy color 30.4053, 0.4587, 0.3294.



This preview shows how white text looks on a background with the Yxy color 30.4053, 0.4587, 0.3294.

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

30.4053, 0.4587, 0.3294

Protanopia

30.6195, 0.3386, 0.3586

Deuteranopia

30.5156, 0.3871, 0.3799



Tritanopia

30.3465, 0.4503, 0.3205

Trichromacy



Original Color

30.4053, 0.4587, 0.3294

Protanomaly

29.5623, 0.3797, 0.3463

Deuteranomaly

29.9285, 0.4139, 0.3586

Tritanomaly

30.2741, 0.4542, 0.3239

Monochromacy



Original Color

30.4053, 0.4587, 0.3294

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

28.9696, 0.3617, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4053, 0.4587, 0.3294 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(232, 114, 114)` looks like.

```
.text, #text, p{  
    color:rgb(232, 114, 114)  
}
```

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(232, 114, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 114, 114) }
```

Border

The CSS property to change the border of an element to Yxy 30.4053, 0.4587, 0.3294 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(232, 114, 114) }
```

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

```
.border{ border-color:rgb(232, 114, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 114, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 114, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 114, 114);  
box-shadow:4px 4px 4px 4px rgb(232, 114,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4053, 0.4587, 0.3294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 114, 114) }
```

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

```
.background{ background-color: rgb(232,  
114, 114) }
```

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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