

Converting Colors

$Yxy(29.2324, 0.4676, 0.3289)$

Have a look what the booklet for
Yxy(29.2324, 0.4676, 0.3289)
contains.

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Color

Yxy(29.2189, 0.4671, 0.3284)

Conversions

Conversions Part 1

Format	Color
Hex	E86D6E
RGB	232, 109, 110
RGB Percent	91%, 43%, 43%
CMY	0.0902, 0.5725, 0.5687
CMYK	0.00, 0.53, 0.53, 0.09
HSL	360°, 73%, 67%
HSV	360°, 53%, 91%
XYZ	41.5595, 29.2189, 18.1951
YIQ	145.8910, 72.9870, 26.3870

Conversions

Conversions Part 2

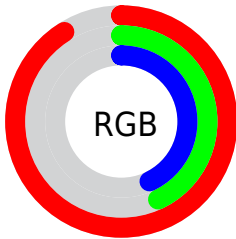
Format	Color
RYB	232, 109, 110
Decimal	15232366
CIELab	60.97, 47.72, 22.55
CIElCh	61, 52.778, 25.298
Yxy	29.2189, 0.4671, 0.3284
Android (android.graphics.Color)	4293422446 (0xFFE86D6E)
YUV	145.8910, -17.6943, 75.5176
Hunter-Lab	54.0545, 42.6434, 17.8808

Details

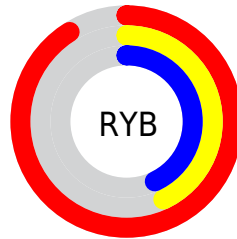
The Yxy color **29.2189, 0.4671, 0.3284** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **66.7331, 0.2452, 0.3300**, and the grayscale version is **28.7503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.4196, 0.4012, 0.3314**, and **11.8508, 0.5212, 0.3209** is the 20% darker color. If you saturate the color by 10%, you get **24.4683, 0.5143, 0.3285**, and if you desaturate by 10%, it is **35.4087, 0.4247, 0.3284**.

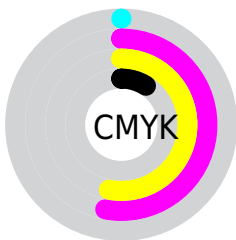
Distribution



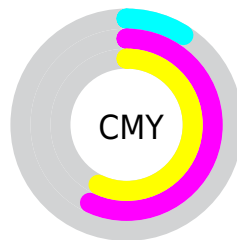
- Red (91%)
- Green (43%)
- Blue (43%)



- Red (91%)
- Yellow (43%)
- Blue (43%)



- Cyan (0%)
- Magenta (53%)
- Yellow (53%)
- Black (9%)





- Cyan (9%)
- Magenta (57%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.2189, 0.4671, 0.3284 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 29.2189, 0.4671, 0.3284 by changing the saturation by 10% instead.


 29.2189, 0.4671,
0.3284


 29.2189, 0.4671,
0.3284


298.2464, 0.3835,
0.3328


 19.2465, 0.4897,
0.3256


 58.4247, 0.4353,
0.3312


 11.8485, 0.5194,
0.3208


 78.4269, 0.4238,
0.3319

 6.6406, 0.5600,
0.3123


 102.5411, 0.4142,
0.3323

 3.2384, 0.6171,
0.2959

 131.1517, 0.4062,
0.3325

 1.2574, 0.7273,
0.2727

164.6431, 0.3992,
0.3327

 0.1079, 0.9257,
0.0743

203.3998, 0.3933,


 0.0000, 1.0000,

0.3328


0.0000


247.8061, 0.3881,
0.3328


 0.0000, 0.0000,
0.0000


 29.2189, 0.4671,
0.3284


 29.2189, 0.4671,
0.3284


 24.4683, 0.5143,
0.3285


 35.4087, 0.4247,
0.3284

 21.0369, 0.5618,
0.3287


 43.1360, 0.3890,
0.3285

 18.7929, 0.6026,
0.3291

 52.4958, 0.3597,
0.3287

 17.5752, 0.6294,
0.3295

 63.5742, 0.3363,
0.3288

 17.1588, 0.6394,
0.3296

 76.4512, 0.3176,
0.3290

91.2017, 0.3026,
0.3291

95.8948, 0.2987,
0.3290

Harmonies

Analogous

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



29.2189, 0.4020, 0.2720



29.2189, 0.4671, 0.3284



29.2189, 0.4807, 0.3899

Triad

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



29.2189, 0.4671, 0.3284



29.2189, 0.2933, 0.4699



29.2189, 0.1873, 0.2050

Complementary

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



29.2189, 0.4671, 0.3284



66.7331, 0.2452, 0.3300

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.



29.2189, 0.1679, 0.2348



29.2189, 0.4671, 0.3284



29.2189, 0.2219, 0.3918

Square

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



29.2189, 0.4671, 0.3284



29.2189, 0.3744, 0.4865



29.2189, 0.1786, 0.2994



29.2189, 0.2366, 0.2043

Rectangle

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



29.2189, 0.4671, 0.3284



29.2189, 0.4605, 0.4303



29.2189, 0.1786, 0.2994



29.2189, 0.1776, 0.2114

Sweetspot

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



29.2205, 0.4671, 0.3284



74.3361, 0.3429, 0.3288



33.5800, 0.3166, 0.2020



15.2944, 0.3477, 0.3287



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.



29.2205, 0.4671, 0.3284



29.6714, 0.5207, 0.3285



46.4326, 0.4271, 0.3957



14.3698, 0.3291, 0.3289



9.5273, 0.6392, 0.3295



0.7047, 0.6367, 0.3281

Inverse Universe

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



29.2205, 0.4671, 0.3284



29.6714, 0.5207, 0.3285



38.7943, 0.2284, 0.2479



14.3698, 0.3291, 0.3289



9.5273, 0.6392, 0.3295



0.7047, 0.6367, 0.3281

Previews

White Background



This preview shows how the Yxy color 29.2189, 0.4671, 0.3284 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2189, 0.4671, 0.3284 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 × Fail

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

Yxy 29.2189, 0.4671, 0.3284

Background



This preview shows how black text looks on a background with the Yxy color 29.2189, 0.4671, 0.3284.



This preview shows how white text looks on a background with the Yxy color 29.2189, 0.4671, 0.3284.

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

29.2189, 0.4671, 0.3284

Protanopia

29.3945, 0.3401, 0.3590

Deuteranopia

29.2793, 0.3918, 0.3833



Tritanopia

29.1419, 0.4599, 0.3207

Trichromacy



Original Color

29.2189, 0.4671, 0.3284

Protanomaly

28.2228, 0.3850, 0.3464

Deuteranomaly

28.4769, 0.4201, 0.3601

Tritanomaly

29.0958, 0.4625, 0.3229

Monochromacy



Original Color

29.2189, 0.4671, 0.3284

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.8156, 0.3639, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2189, 0.4671, 0.3284 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, 109, 110)` looks like.

```
.text, #text, p{  
    color:rgb(232, 109, 110)  
}
```

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, 109, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 109, 110) }
```

Border

The CSS property to change the border of an element to Yxy 29.2189, 0.4671, 0.3284 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, 109, 110) }
```

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

```
.border{ border-color:rgb(232, 109, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 109, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 109, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 109, 110);  
box-shadow:4px 4px 4px 4px rgb(232, 109,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2189, 0.4671, 0.3284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 109, 110) }
```

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

```
.background{ background-color: rgb(232,  
109, 110) }
```

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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