

Converting Colors

$Y_{xy}(28.8817, 0.4676, 0.3455)$

Have a look what the booklet for
Yxy(28.8817, 0.4676, 0.3455)
contains.

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Color

Yxy(28.8020, 0.4682, 0.3453)

Conversions

Conversions Part 1

Format	Color
Hex	E07264
RGB	224, 114, 100
RGB Percent	88%, 45%, 39%
CMY	0.1216, 0.5529, 0.6079
CMYK	0.00, 0.49, 0.55, 0.12
HSL	7°, 67%, 64%
HSV	7°, 55%, 88%
XYZ	39.0533, 28.8020, 15.5562
YIQ	145.2940, 70.0540, 18.9660

Conversions

Conversions Part 2

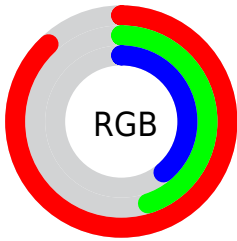
Format	Color
R _Y B	224, 116, 100
Decimal	14709348
CIE Lab	60.61, 41.51, 27.53
CIE LCh	61, 49.810, 33.545
Yxy	28.8020, 0.4682, 0.3453
Android (android.graphics.Color)	4292899428 (0xFFE07264)
YUV	145.2940, -22.3299, 69.0252
Hunter-Lab	53.6675, 35.9745, 20.3812

Details

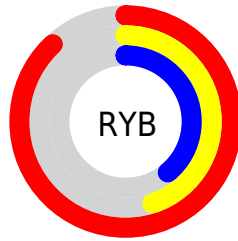
The Yxy color **28.8020, 0.4682, 0.3453** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **54.1604, 0.2390, 0.3101**, and the grayscale version is **28.5144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4996, 0.4101, 0.3472**, and **11.5948, 0.5207, 0.3416** is the 20% darker color. If you saturate the color by 10%, you get **24.4217, 0.5124, 0.3465**, and if you desaturate by 10%, it is **34.2776, 0.4280, 0.3429**.

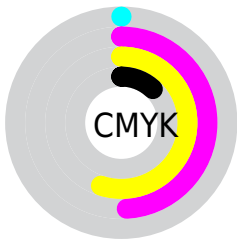
Distribution



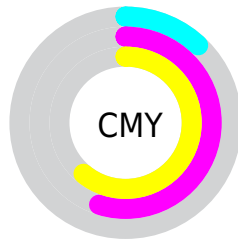
- Red (88%)
- Green (45%)
- Blue (39%)



- Red (88%)
- Yellow (45%)
- Blue (39%)



- Cyan (0%)
- Magenta (49%)
- Yellow (55%)
- Black (12%)





- Cyan (12%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8020, 0.4682, 0.3453 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 28.8020, 0.4682, 0.3453 by changing the saturation by 10% instead.


 28.8020, 0.4682,
0.3453


 28.8020, 0.4682,
0.3453


296.2796, 0.3840,
0.3413

 18.9311, 0.4908,
0.3444


 57.7624, 0.4363,
0.3451


 11.6205, 0.5205,
0.3418


 77.6206, 0.4247,
0.3447

 6.4858, 0.5605,
0.3356


 101.5767, 0.4150,
0.3441

 3.1427, 0.6192,
0.3233

 130.0151, 0.4068,
0.3435

 1.2067, 0.7060,
0.2940

163.3202, 0.3999,
0.3429

 0.0671, 0.9425,
0.0575

201.8764, 0.3939,

 0.0000, 1.0000,

0.3424

0.0000

246.0681, 0.3886,
0.3418

0.0000, 0.0000,
0.0000

28.8020, 0.4682,
0.3453

28.8020, 0.4682,
0.3453

24.4217, 0.5124,
0.3465

34.2776, 0.4280,
0.3429

21.0586, 0.5568,
0.3459

40.9107, 0.3934,
0.3399

18.6312, 0.5958,
0.3432


48.7643, 0.3645,
0.3367

17.0435, 0.6231,
0.3384


57.8955, 0.3408,
0.3335

16.5539, 0.6319,
0.3365

68.3578, 0.3215,
0.3305

 80.2016, 0.3058,
0.3277

 93.3594, 0.2940,
0.3270

 94.5841, 0.2940,
0.3289

Harmonies

Analogous

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



28.8020, 0.4181, 0.2888



28.8020, 0.4682, 0.3453



28.8020, 0.4674, 0.4046

Triad

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



28.8020, 0.4682, 0.3453



28.8020, 0.2743, 0.4460



28.8020, 0.2029, 0.2076

Complementary

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



28.8020, 0.4682, 0.3453



54.1604, 0.2390, 0.3101

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.



28.8020, 0.1762, 0.2284



28.8020, 0.4682, 0.3453



28.8020, 0.2119, 0.3637

Square

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



28.8020, 0.4682, 0.3453



28.8020, 0.3514, 0.4801



28.8020, 0.1786, 0.2812



28.8020, 0.2582, 0.2136

Rectangle

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



28.8020, 0.4682, 0.3453



28.8020, 0.4412, 0.4413



28.8020, 0.1786, 0.2812



28.8020, 0.1908, 0.2113

Sweetspot

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



28.8035, 0.4682, 0.3453



75.3919, 0.3446, 0.3341



29.6900, 0.3317, 0.2090



15.5895, 0.3492, 0.3347



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.



28.8035, 0.4682, 0.3453



32.1975, 0.5175, 0.3466



47.1856, 0.4230, 0.4137



13.9489, 0.3289, 0.3317



9.7212, 0.6303, 0.3377



0.7584, 0.6085, 0.3550

Inverse Universe

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



54.1604, 0.2390, 0.3101



69.2004, 0.2294, 0.3057



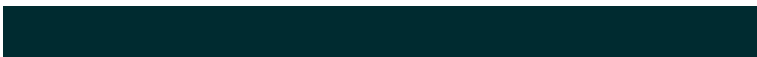
29.7717, 0.2205, 0.2222



15.2936, 0.2982, 0.3263



26.9249, 0.2148, 0.2931



1.9426, 0.2164, 0.2991

Previews

White Background



This preview shows how the Yxy color 28.8020, 0.4682, 0.3453 looks on a white background.

Color Contrast Check

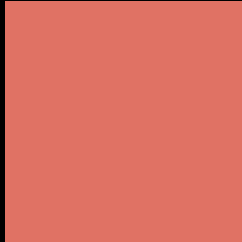
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8020, 0.4682, 0.3453 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 28.8020, 0.4682, 0.3453

Background



This preview shows how black text looks on a background with the Yxy color 28.8020, 0.4682, 0.3453.



This preview shows how white text looks on a background with the Yxy color 28.8020, 0.4682, 0.3453.

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

28.8020, 0.4682, 0.3453

Protanopia

28.8406, 0.3559, 0.3798

Deuteranopia

28.8125, 0.4020, 0.3947



Tritanopia

28.7083, 0.4469, 0.3202

Trichromacy



Original Color

28.8020, 0.4682, 0.3453

Protanomaly

27.9781, 0.3962, 0.3653

Deuteranomaly

28.4331, 0.4257, 0.3751

Tritanomaly

28.7657, 0.4554, 0.3294

Monochromacy



Original Color

28.8020, 0.4682, 0.3453

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.6338, 0.3647, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8020, 0.4682, 0.3453 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(224, 114, 100)` looks like.

```
.text, #text, p{  
    color:rgb(224, 114, 100)  
}
```

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(224, 114, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 114, 100) }
```

Border

The CSS property to change the border of an element to Yxy 28.8020, 0.4682, 0.3453 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(224, 114, 100) }
```

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

```
.border{ border-color:rgb(224, 114, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 114, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 114, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 114, 100);  
box-shadow:4px 4px 4px 4px rgb(224, 114,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8020, 0.4682, 0.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 114, 100) }
```

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

```
.background{ background-color: rgb(224,  
114, 100) }
```

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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