

Converting Colors

$Y_{xy}(28.7456, 0.4464, 0.3195)$

Have a look what the booklet for
Yxy(28.7456, 0.4464, 0.3195)
contains.

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Color

Yxy(28.7325, 0.4456, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	E16F78
RGB	225, 111, 120
RGB Percent	88%, 44%, 47%
CMY	0.1175, 0.5648, 0.5294
CMYK	0.00, 0.51, 0.47, 0.12
HSL	355°, 66%, 66%
HSV	355°, 51%, 88%
XYZ	40.1354, 28.7325, 21.2026
YIQ	146.1120, 65.0550, 26.9670

Conversions

Conversions Part 2

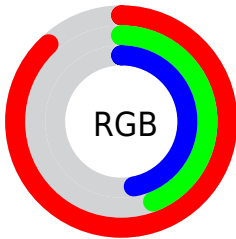
Format	Color
R _Y B	225, 111, 120
Decimal	14774136
CIE Lab	60.54, 45.18, 16.05
CIE LCh	61, 47.948, 19.556
Yxy	28.7325, 0.4456, 0.3190
Android (android.graphics.Color)	4292964216 (0xFFE16F78)
YUV	146.1120, -12.8732, 69.1848
Hunter-Lab	53.6027, 39.8485, 14.0697

Details

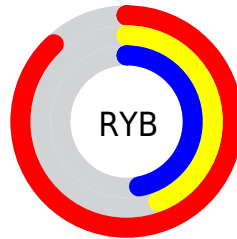
The Yxy color **28.7325, 0.4456, 0.3190** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **62.2077, 0.2512, 0.3406**, and the grayscale version is **28.8257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1488, 0.3910, 0.3219**, and **11.6010, 0.4921, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **23.9776, 0.4888, 0.3180**, and if you desaturate by 10%, it is **34.8360, 0.4079, 0.3207**.

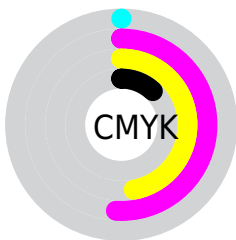
Distribution



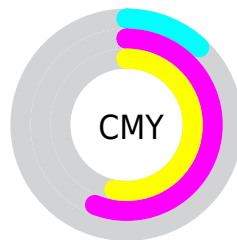
- Red (88%)
- Green (44%)
- Blue (47%)



- Red (88%)
- Yellow (44%)
- Blue (47%)



- Cyan (0%)
- Magenta (51%)
- Yellow (47%)
- Black (12%)





- Cyan (12%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7325, 0.4456, 0.3190 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 28.7325, 0.4456, 0.3190 by changing the saturation by 10% instead.


 28.7325, 0.4456,
0.3190


 28.7325, 0.4456,
0.3190

295.9507, 0.3733,
0.3270


 18.8786, 0.4655,
0.3158


 57.6518, 0.4180,
0.3228

 11.5826, 0.4920,
0.3108


 77.4860, 0.4080,
0.3239

 6.4601, 0.5288,
0.3025


 101.4156, 0.3997,
0.3248

 3.1268, 0.5827,
0.2877

 129.8252, 0.3928,
0.3255

 1.1983, 0.6965,
0.2700

163.0992, 0.3868,
0.3260

 0.0603, 0.9522,
0.0478

201.6218, 0.3817,


 0.0000, 1.0000,

0.3264

0.0000

245.7775, 0.3772,
0.3268


 0.0000, 0.0000,
0.0000


 28.7325, 0.4456,
0.3190

 28.7325, 0.4456,
0.3190


 23.9776, 0.4888,
0.3180


 34.8360, 0.4079,
0.3207

 20.4649, 0.5349,
0.3182


 42.3749, 0.3764,
0.3227


 18.0795, 0.5785,
0.3198

 51.4341, 0.3508,
0.3249

 16.6831, 0.6130,
0.3229

 62.0906, 0.3302,
0.3269

 16.0569, 0.6329,
0.3260

 74.4161, 0.3137,
0.3289

■ 88.4780, 0.3005,
0.3307

■ 94.7538, 0.2946,
0.3289

Harmonies

Analogous

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



28.7325, 0.3797, 0.2676



28.7325, 0.4456, 0.3190



28.7325, 0.4686, 0.3763

Triad

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



28.7325, 0.4456, 0.3190



28.7325, 0.3103, 0.4641



28.7325, 0.1907, 0.2174

Complementary

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



28.7325, 0.4456, 0.3190



62.2077, 0.2512, 0.3406

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.



28.7325, 0.1778, 0.2518



28.7325, 0.4456, 0.3190



28.7325, 0.2407, 0.4023

Square

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



28.7325, 0.4456, 0.3190



28.7325, 0.3846, 0.4699



28.7325, 0.1941, 0.3177



28.7325, 0.2317, 0.2114

Rectangle

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



28.7325, 0.4456, 0.3190



28.7325, 0.4566, 0.4141



28.7325, 0.1941, 0.3177



28.7325, 0.1833, 0.2255

Sweetspot

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



28.7340, 0.4456, 0.3190



75.9125, 0.3388, 0.3260



31.3303, 0.3090, 0.2040



15.6105, 0.3432, 0.3256



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.



28.7340, 0.4456, 0.3190



31.4339, 0.4922, 0.3180



41.7866, 0.4255, 0.3845



13.7181, 0.3280, 0.3272



9.2558, 0.6310, 0.3250



0.6478, 0.6070, 0.3118

Inverse Universe

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



28.7340, 0.4456, 0.3190



31.4339, 0.4922, 0.3180



40.4638, 0.2342, 0.2634



13.7181, 0.3280, 0.3272



9.2558, 0.6310, 0.3250



0.6478, 0.6070, 0.3118

Previews

White Background



This preview shows how the Yxy color 28.7325, 0.4456, 0.3190 looks on a white background.

Color Contrast Check

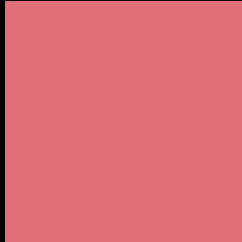
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7325, 0.4456, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

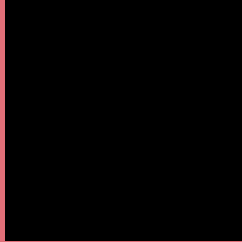
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7325, 0.4456, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 28.7325, 0.4456, 0.3190.



This preview shows how white text looks on a background with the Yxy color 28.7325, 0.4456, 0.3190.

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

28.7325, 0.4456, 0.3190

Protanopia

28.9721, 0.3259, 0.3417

Deuteranopia

28.9455, 0.3741, 0.3682



Tritanopia

28.7083, 0.4469, 0.3202

Trichromacy



Original Color

28.7325, 0.4456, 0.3190

Protanomaly

27.8787, 0.3674, 0.3321

Deuteranomaly

28.3260, 0.4006, 0.3472

Tritanomaly

28.7083, 0.4469, 0.3202

Monochromacy



Original Color

28.7325, 0.4456, 0.3190

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.6952, 0.3569, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7325, 0.4456, 0.3190 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(225, 111, 120)` looks like.

```
.text, #text, p{  
    color:rgb(225, 111, 120)  
}
```

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(225, 111, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 111, 120) }
```

Border

The CSS property to change the border of an element to Yxy 28.7325, 0.4456, 0.3190 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(225, 111, 120) }
```

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

```
.border{ border-color:rgb(225, 111, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 111, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 111, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 111, 120);  
box-shadow:4px 4px 4px 4px rgb(225, 111,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7325, 0.4456, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 111, 120) }
```

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

```
.background{ background-color: rgb(225,  
111, 120) }
```

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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