

Converting Colors

$Y_{xy}(29.5309, 0.4396, 0.3205)$

Have a look what the booklet for
Yxy(29.5309, 0.4396, 0.3205)
contains.

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Color

Yxy(29.5139, 0.4395, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	E0737A
RGB	224, 115, 122
RGB Percent	88%, 45%, 48%
CMY	0.1216, 0.5490, 0.5215
CMYK	0.00, 0.49, 0.46, 0.12
HSL	356°, 64%, 66%
HSV	356°, 49%, 88%
XYZ	40.3841, 29.5139, 21.9884
YIQ	148.3890, 62.7170, 25.2850

Conversions

Conversions Part 2

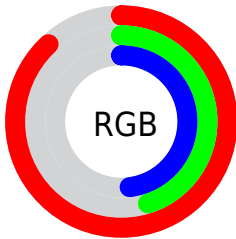
Format	Color
R _Y B	224, 115, 122
Decimal	14709626
CIE Lab	61.23, 42.99, 15.82
CIE LCh	61, 45.810, 20.204
Yxy	29.5139, 0.4395, 0.3212
Android (android.graphics.Color)	4292899706 (0xFFE0737A)
YUV	148.3890, -13.0098, 66.3108
Hunter-Lab	54.3267, 37.6173, 14.0314

Details

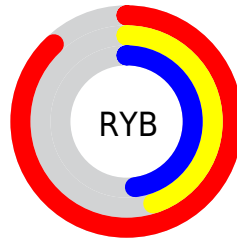
The Yxy color **29.5139, 0.4395, 0.3212** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **61.9624, 0.2522, 0.3379**, and the grayscale version is **29.8229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6919, 0.3878, 0.3240**, and **12.0488, 0.4825, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **24.5475, 0.4824, 0.3203**, and if you desaturate by 10%, it is **35.8364, 0.4024, 0.3226**.

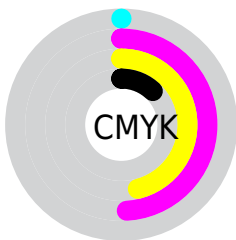
Distribution



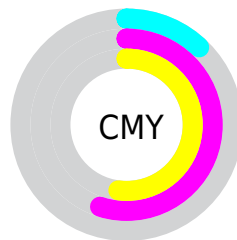
- Red (88%)
- Green (45%)
- Blue (48%)



- Red (88%)
- Yellow (45%)
- Blue (48%)



- Cyan (0%)
- Magenta (49%)
- Yellow (46%)
- Black (12%)





- Cyan (12%)
- Magenta (55%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5139, 0.4395, 0.3212 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 29.5139, 0.4395, 0.3212 by changing the saturation by 10% instead.


 29.5139, 0.4395,
0.3212


 29.5139, 0.4395,
0.3212


299.6320, 0.3708,
0.3279


 19.4699, 0.4583,
0.3184


 58.8926, 0.4133,
0.3244

 12.0103, 0.4834,
0.3141


 78.9961, 0.4038,
0.3253

 6.7507, 0.5183,
0.3069


 103.2215, 0.3959,
0.3261

 3.3067, 0.5692,
0.2938

131.9533, 0.3893,
0.3266

 1.2939, 0.6704,
0.2766

165.5759, 0.3836,
0.3270

 0.1364, 0.8999,
0.1001

204.4736, 0.3788,


 0.0000, 1.0000,


0.3274


0.0000


249.0308, 0.3745,
0.3276


 0.0000, 0.0000,
0.0000


 29.5139, 0.4395,
0.3212


 29.5139, 0.4395,
0.3212


 24.5475, 0.4824,
0.3203

 35.8364, 0.4024,
0.3226


 20.8337, 0.5288,
0.3203


 43.5992, 0.3717,
0.3243


 18.2621, 0.5735,
0.3215

 52.8852, 0.3468,
0.3260


 16.7006, 0.6099,
0.3239

 63.7698, 0.3268,
0.3277

 15.9530, 0.6324,
0.3268

 76.3230, 0.3108,
0.3292

 15.8793, 0.6345,
0.3269

 90.6111, 0.2979,
0.3306

 94.5864, 0.2940,
0.3289

Harmonies

Analogous

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



29.5139, 0.3779, 0.2715



29.5139, 0.4395, 0.3212



29.5139, 0.4607, 0.3762

Triad

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



29.5139, 0.4395, 0.3212



29.5139, 0.3095, 0.4554



29.5139, 0.1968, 0.2223

Complementary

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



29.5139, 0.4395, 0.3212



61.9624, 0.2522, 0.3379

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.



29.5139, 0.1838, 0.2550



29.5139, 0.4395, 0.3212



29.5139, 0.2434, 0.3964

Square

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



29.5139, 0.4395, 0.3212



29.5139, 0.3803, 0.4631



29.5139, 0.1991, 0.3172



29.5139, 0.2368, 0.2168

Rectangle

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



29.5139, 0.4395, 0.3212



29.5139, 0.4491, 0.4121



29.5139, 0.1991, 0.3172



29.5139, 0.1894, 0.2299

Sweetspot

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



29.5154, 0.4395, 0.3212



75.8826, 0.3392, 0.3266



32.3550, 0.3111, 0.2091



15.6034, 0.3436, 0.3262



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.



29.5154, 0.4395, 0.3212



33.0717, 0.4813, 0.3203



43.0081, 0.4183, 0.3845



13.7148, 0.3282, 0.3275



9.2492, 0.6329, 0.3260



0.6462, 0.6129, 0.3150

Inverse Universe

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



29.5154, 0.4395, 0.3212



33.0717, 0.4813, 0.3203



40.3792, 0.2366, 0.2639



13.7148, 0.3282, 0.3275



9.2492, 0.6329, 0.3260



0.6462, 0.6129, 0.3150

Previews

White Background



This preview shows how the Yxy color 29.5139, 0.4395, 0.3212 looks on a white background.

Color Contrast Check

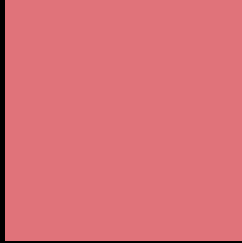
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5139, 0.4395, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

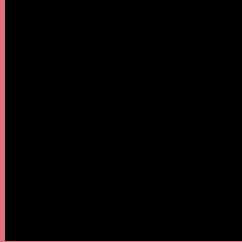
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5139, 0.4395, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 29.5139, 0.4395, 0.3212.



This preview shows how white text looks on a background with the Yxy color 29.5139, 0.4395, 0.3212.

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

29.5139, 0.4395, 0.3212

Protanopia

29.8162, 0.3267, 0.3432

Deuteranopia

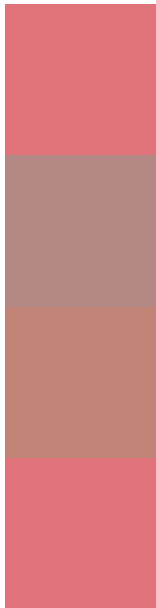
29.5146, 0.3738, 0.3663



Tritanopia

29.5388, 0.4382, 0.3201

Trichromacy



Original Color

29.5139, 0.4395, 0.3212

Protanomaly

28.8855, 0.3652, 0.3335

Deuteranomaly

29.0409, 0.3983, 0.3471

Tritanomaly

29.5388, 0.4382, 0.3201

Monochromacy



Original Color

29.5139, 0.4395, 0.3212

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.7025, 0.3549, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5139, 0.4395, 0.3212 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, 115, 122)` looks like.

```
.text, #text, p{  
    color:rgb(224, 115, 122)  
}
```

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, 115, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 115, 122) }
```

Border

The CSS property to change the border of an element to Yxy 29.5139, 0.4395, 0.3212 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, 115, 122) }
```

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

```
.border{ border-color:rgb(224, 115, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 115, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 115, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 115, 122);  
box-shadow:4px 4px 4px 4px rgb(224, 115,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5139, 0.4395, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 115, 122) }
```

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

```
.background{ background-color: rgb(224,  
115, 122) }
```

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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