

Converting Colors

$Y_{xy}(24.0741, 0.4455, 0.2823)$

Have a look what the booklet for
Yxy(24.0741, 0.4455, 0.2823)
contains.

Yxy(24.0614, 0.4462, 0.2828)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(24.0614, 0.4462, 0.2828)

Conversions

Conversions Part 1

Format	Color
Hex	E05680
RGB	224, 86, 128
RGB Percent	88%, 34%, 50%
CMY	0.1216, 0.6627, 0.4981
CMYK	0.00, 0.62, 0.43, 0.12
HSL	342°, 69%, 61%
HSV	342°, 62%, 88%
XYZ	37.9639, 24.0614, 23.0574
YIQ	132.0500, 68.7660, 42.3180

Conversions

Conversions Part 2

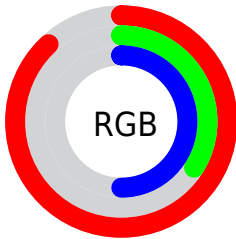
Format	Color
R _Y B	224, 86, 128
Decimal	14702208
CIE Lab	56.15, 57.24, 5.18
CIE LCh	56, 57.472, 5.176
Yxy	24.0614, 0.4462, 0.2828
Android (android.graphics.Color)	4292892288 (0xFFE05680)
YUV	132.0500, -1.9967, 80.6401
Hunter-Lab	49.0524, 52.3076, 6.4670

Details

The Yxy color **24.0614, 0.4462, 0.2828** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **58.6703, 0.2576, 0.3881**, and the grayscale version is **23.0830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.9422, 0.3891, 0.2886**, and **9.0698, 0.4957, 0.2641** is the 20% darker color. If you saturate the color by 10%, you get **20.6491, 0.4816, 0.2802**, and if you desaturate by 10%, it is **28.6598, 0.4140, 0.2884**.

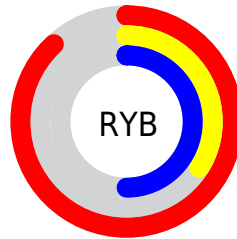
Distribution



Red (88%)

Green (34%)

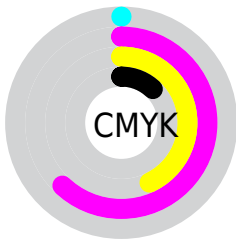
Blue (50%)



Red (88%)

Yellow (34%)

Blue (50%)

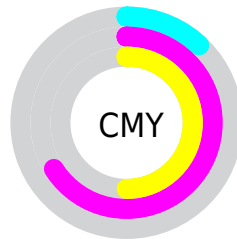


Cyan (0%)

Magenta (62%)

Yellow (43%)

Black (12%)



Cyan (12%)


Magenta (66%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0614, 0.4462, 0.2828 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 24.0614, 0.4462, 0.2828 by changing the saturation by 10% instead.


 24.0614, 0.4462,
0.2828


 24.0614, 0.4462,
0.2828


273.1307, 0.3723,
0.3093


 15.3792, 0.4671,
0.2749


 50.1304, 0.4175,
0.2933


 9.0859, 0.4955,
0.2640


 68.2859, 0.4073,
0.2970

 4.7973, 0.5359,
0.2479

 90.3680, 0.3989,
0.3000

 2.1288, 0.5969,
0.2226

 116.7611, 0.3919,
0.3025

 0.6808, 0.7188,
0.1807

147.8495, 0.3859,
0.3046

 0.0000, 1.0000,
0.0000

184.0176, 0.3807,

 0.0000, 0.0000,

0.3064

0.0000

225.6499, 0.3762,
0.3080

■ 24.0614, 0.4462,
0.2828

■ 24.0614, 0.4462,
0.2828

■ 20.6491, 0.4816,
0.2802

■ 28.6598, 0.4140,
0.2884

■ 18.3074, 0.5182,
0.2816

■ 34.5378, 0.3862,
0.2957

■ 16.9043, 0.5526,
0.2877

■ 41.7840, 0.3627,
0.3038

■ 16.2666, 0.5779,
0.2957

■ 50.4779, 0.3433,
0.3121

■ 60.6929, 0.3275,
0.3202

■ 72.4974, 0.3145,
0.3278

■ 85.9557, 0.3040,
0.3349

■ 94.4391, 0.2953,
0.3313

■ 94.5877, 0.2940,
0.3289

Harmonies

Analogous

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



24.0614, 0.3466, 0.2290



24.0614, 0.4462, 0.2828



24.0614, 0.5033, 0.3472

Triad

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



24.0614, 0.4462, 0.2828



24.0614, 0.3494, 0.5153



24.0614, 0.1535, 0.2058

Complementary

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



24.0614, 0.4462, 0.2828



58.6703, 0.2576, 0.3881

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.



24.0614, 0.1534, 0.2637



24.0614, 0.4462, 0.2828



24.0614, 0.2587, 0.4721

Square

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



24.0614, 0.4462, 0.2828



24.0614, 0.4355, 0.4819



24.0614, 0.1880, 0.3640



24.0614, 0.1854, 0.1856

Rectangle

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



24.0614, 0.4462, 0.2828



24.0614, 0.5047, 0.3930



24.0614, 0.1880, 0.3640



24.0614, 0.1499, 0.2204

Sweetspot

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



24.0627, 0.4462, 0.2828



72.2409, 0.3374, 0.3150



21.7790, 0.2738, 0.1671



14.6420, 0.3424, 0.3126



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.



24.0627, 0.4462, 0.2828



26.6390, 0.4924, 0.2801



27.9560, 0.4872, 0.3571



13.7688, 0.3244, 0.3219



9.4861, 0.5739, 0.2935



0.6731, 0.5299, 0.2693

Inverse Universe

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



24.0627, 0.4462, 0.2828



26.6390, 0.4924, 0.2801



48.0715, 0.2302, 0.2939



13.7688, 0.3244, 0.3219



9.4861, 0.5739, 0.2935



0.6731, 0.5299, 0.2693

Previews

White Background



This preview shows how the Yxy color 24.0614, 0.4462, 0.2828 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 24.0614, 0.4462, 0.2828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

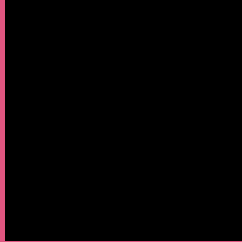
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0614, 0.4462, 0.2828

Background



This preview shows how black text looks on a background with the Yxy color 24.0614, 0.4462, 0.2828.



This preview shows how white text looks on a background with the Yxy color 24.0614, 0.4462, 0.2828.

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

24.0614, 0.4462, 0.2828

Protanopia

24.2758, 0.2876, 0.2923

Deuteranopia

24.1180, 0.3503, 0.3439



Tritanopia

24.0657, 0.4852, 0.3230

Trichromacy



Original Color

24.0614, 0.4462, 0.2828

Protanomaly

22.7972, 0.3382, 0.2849

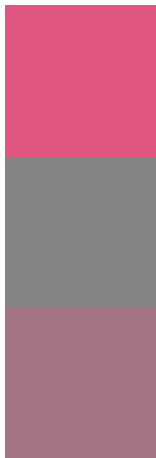
Deuteranomaly

23.0736, 0.3851, 0.3146

Tritanomaly

24.1044, 0.4716, 0.3085

Monochromacy



Original Color

24.0614, 0.4462, 0.2828

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

21.8995, 0.3576, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0614, 0.4462, 0.2828 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, 86, 128)` looks like.

```
.text, #text, p{  
    color:rgb(224, 86, 128)  
}
```

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, 86, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 86, 128) }
```

Border

The CSS property to change the border of an element to Yxy 24.0614, 0.4462, 0.2828 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, 86, 128) }
```

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

```
.border{ border-color:rgb(224, 86, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 86, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 86, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 86, 128);  
box-shadow:4px 4px 4px 4px rgb(224, 86,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0614, 0.4462, 0.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 86, 128) }
```

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

```
.background{ background-color: rgb(224, 86,  
128) }
```

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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