

Converting Colors

$Y_{xy}(25.3297, 0.4575, 0.2885)$

Have a look what the booklet for
Yxy(25.3297, 0.4575, 0.2885)
contains.

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Color

Yxy(25.2860, 0.4578, 0.2889)

Conversions

Conversions Part 1

Format	Color
Hex	E7577D
RGB	231, 87, 125
RGB Percent	91%, 34%, 49%
CMY	0.0940, 0.6589, 0.5098
CMYK	0.00, 0.62, 0.46, 0.09
HSL	344°, 75%, 62%
HSV	344°, 62%, 91%
XYZ	40.0690, 25.2860, 22.1701
YIQ	134.3880, 73.6260, 42.3460

Conversions

Conversions Part 2

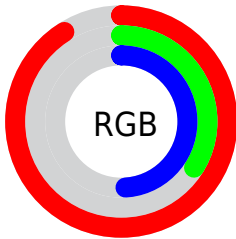
Format	Color
R_{YB}	231, 87, 125
Decimal	15161213
CIE _{Lab}	57.35, 58.73, 8.81
CIE _{LCh}	57, 59.390, 8.531
Yxy	25.2860, 0.4578, 0.2889
Android (android.graphics.Color)	4293351293 (0xFFE7577D)
YUV	134.3880, -4.6283, 84.7287
Hunter-Lab	50.2852, 54.2359, 9.0594

Details

The Yxy color **25.2860, 0.4578, 0.2889** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **63.0381, 0.2545, 0.3807**, and the grayscale version is **23.9868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.0792, 0.3931, 0.2937**, and **9.6806, 0.5107, 0.2718** is the 20% darker color. If you saturate the color by 10%, you get **21.7287, 0.4958, 0.2873**, and if you desaturate by 10%, it is **30.1168, 0.4230, 0.2934**.

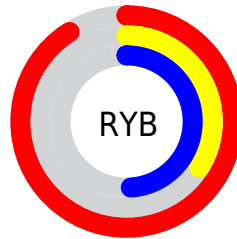
Distribution



Red (91%)

Green (34%)

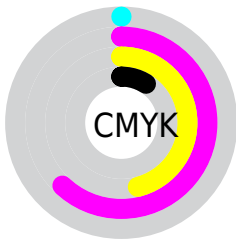
Blue (49%)



Red (91%)

Yellow (34%)

Blue (49%)

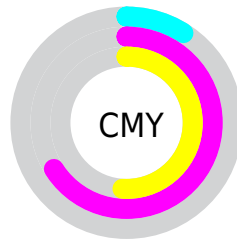


Cyan (0%)

Magenta (62%)

Yellow (46%)

Black (9%)



Cyan (9%)


Magenta (66%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2860, 0.4578, 0.2889 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 25.2860, 0.4578, 0.2889 by changing the saturation by 10% instead.


 25.2860, 0.4578,
0.2889

 25.2860, 0.4578,
0.2889


279.2593, 0.3779,
0.3126


 16.2903, 0.4802,
0.2816


 52.1208, 0.4270,
0.2985

 9.7298, 0.5102,
0.2713


 70.7287, 0.4159,
0.3018

 5.2202, 0.5525,
0.2561

 93.3094, 0.4068,
0.3045

 2.3770, 0.6152,
0.2316

 120.2473, 0.3992,
0.3067

 0.8140, 0.7395,
0.1955

151.9269, 0.3927,
0.3085

 0.0000, 1.0000,
0.0000

188.7325, 0.3871,

 0.0000, 0.0000,

0.3101

0.0000

231.0485, 0.3822,
0.3115

■ 25.2860, 0.4578,
0.2889

■ 25.2860, 0.4578,
0.2889

■ 21.7287, 0.4958,
0.2873

■ 30.1168, 0.4230,
0.2934

■ 19.3182, 0.5343,
0.2896

■ 36.3237, 0.3928,
0.2995


■ 17.9085, 0.5693,
0.2963

■ 44.0034, 0.3674,
0.3066


■ 17.3284, 0.5919,
0.3035

■ 53.2429, 0.3465,
0.3138

■ 64.1221, 0.3294,
0.3208

 76.7157, 0.3156,
0.3275

 91.0936, 0.3043,
0.3337

 95.7318, 0.2982,
0.3290

Harmonies

Analogous

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



25.2860, 0.3590, 0.2329



25.2860, 0.4578, 0.2889



25.2860, 0.5086, 0.3547

Triad

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



25.2860, 0.4578, 0.2889



25.2860, 0.3390, 0.5181



25.2860, 0.1536, 0.2001

Complementary

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



25.2860, 0.4578, 0.2889



63.0381, 0.2545, 0.3807

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.



25.2860, 0.1497, 0.2537



25.2860, 0.4578, 0.2889



25.2860, 0.2481, 0.4646

Square

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



25.2860, 0.4578, 0.2889



25.2860, 0.4279, 0.4901



25.2860, 0.1803, 0.3514



25.2860, 0.1893, 0.1834

Rectangle

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



25.2860, 0.4578, 0.2889



25.2860, 0.5048, 0.4011



25.2860, 0.1803, 0.3514



25.2860, 0.1487, 0.2133

Sweetspot

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



25.2874, 0.4578, 0.2889



70.8001, 0.3406, 0.3161



23.8717, 0.2803, 0.1684



14.3575, 0.3458, 0.3141



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.



25.2874, 0.4578, 0.2889



26.1186, 0.5077, 0.2876



31.2568, 0.4845, 0.3652



14.4301, 0.3251, 0.3228



9.7303, 0.5880, 0.3013



0.7341, 0.5464, 0.2784

Inverse Universe

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



25.2874, 0.4578, 0.2889



26.1186, 0.5077, 0.2876



47.9158, 0.2271, 0.2832



14.4301, 0.3251, 0.3228



9.7303, 0.5880, 0.3013



0.7341, 0.5464, 0.2784

Previews

White Background



This preview shows how the Yxy color 25.2860, 0.4578, 0.2889 looks on a white background.

Color Contrast Check

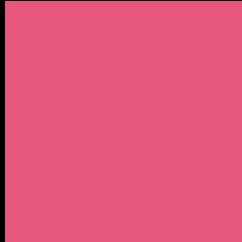
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2860, 0.4578, 0.2889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

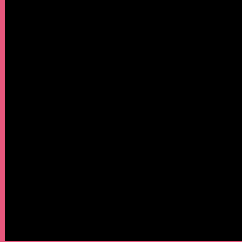
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2860, 0.4578, 0.2889

Background



This preview shows how black text looks on a background with the Yxy color 25.2860, 0.4578, 0.2889.



This preview shows how white text looks on a background with the Yxy color 25.2860, 0.4578, 0.2889.

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

25.2860, 0.4578, 0.2889

Protanopia

25.4255, 0.2958, 0.3027

Deuteranopia

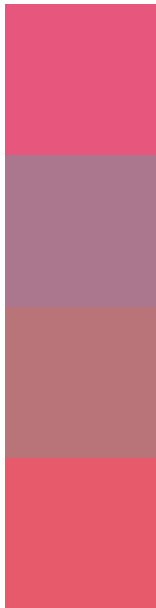
25.4540, 0.3600, 0.3531



Tritanopia

25.1941, 0.4920, 0.3233

Trichromacy



Original Color

25.2860, 0.4578, 0.2889

Protanomaly

23.8347, 0.3488, 0.2933

Deuteranomaly

24.1855, 0.3956, 0.3221

Tritanomaly

25.2180, 0.4802, 0.3105

Monochromacy



Original Color

25.2860, 0.4578, 0.2889

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.7963, 0.3621, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2860, 0.4578, 0.2889 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(231, 87, 125)` looks like.

```
.text, #text, p{  
    color:rgb(231, 87, 125)  
}
```

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(231, 87, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 87, 125) }
```

Border

The CSS property to change the border of an element to Yxy 25.2860, 0.4578, 0.2889 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(231, 87, 125) }
```

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

```
.border{ border-color:rgb(231, 87, 125) }
```

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

Here you see how a box with a 4 pixel rgb(231, 87, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 87, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 87, 125);  
box-shadow:4px 4px 4px 4px rgb(231, 87,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2860, 0.4578, 0.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 87, 125) }
```

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

```
.background{ background-color: rgb(231, 87,  
125) }
```

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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