

Converting Colors

$Y_{xy}(27.1035, 0.4126, 0.2749)$

Have a look what the booklet for
Yxy(27.1035, 0.4126, 0.2749)
contains.

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Color

Yxy(27.0682, 0.4126, 0.2753)

Conversions

Conversions Part 1

Format	Color
Hex	E06493
RGB	224, 100, 147
RGB Percent	88%, 39%, 58%
CMY	0.1215, 0.6079, 0.4236
CMYK	0.00, 0.55, 0.34, 0.12
HSL	337°, 67%, 64%
HSV	337°, 55%, 88%
XYZ	40.5679, 27.0682, 30.6865
YIQ	142.4340, 58.8170, 40.9050

Conversions

Conversions Part 2

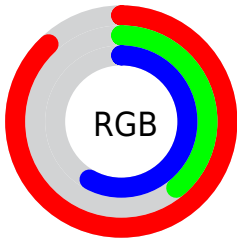
Format	Color
R_{YB}	224, 100, 147
Decimal	14705811
CIE Lab	59.04, 53.02, -1.75
CIE LCh	59, 53.051, 358.107
Yxy	27.0682, 0.4126, 0.2753
Android (android.graphics.Color)	4292895891 (0xFFE06493)
YUV	142.4340, 2.2510, 71.5334
Hunter-Lab	52.0271, 48.1371, 1.4487

Details

The Yxy color **27.0682, 0.4126, 0.2753** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **59.2056, 0.2657, 0.3947**, and the grayscale version is **27.2042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.9197, 0.3654, 0.2815**, and **10.6638, 0.4462, 0.2562** is the 20% darker color. If you saturate the color by 10%, you get **22.9368, 0.4419, 0.2690**, and if you desaturate by 10%, it is **32.4363, 0.3868, 0.2840**.

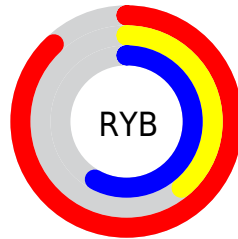
Distribution



Red (88%)

Green (39%)

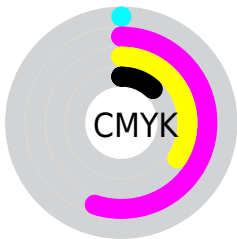
Blue (58%)



Red (88%)

Yellow (39%)

Blue (58%)

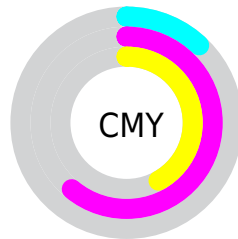


Cyan (0%)

Magenta (55%)

Yellow (34%)

Black (12%)



Cyan (12%)


Magenta (61%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0682, 0.4126, 0.2753 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 27.0682, 0.4126, 0.2753 by changing the saturation by 10% instead.


 27.0682, 0.4126,
0.2753


 27.0682, 0.4126,
0.2753


287.9872, 0.3586,
0.3041


 17.6244, 0.4275,
0.2675


 54.9933, 0.3920,
0.2862


 10.6807, 0.4474,
0.2570


 74.2434, 0.3845,
0.2902

 5.8526, 0.4754,
0.2424


 97.5311, 0.3784,
0.2935

 2.7556, 0.5174,
0.2207

 125.2408, 0.3732,
0.2963

 1.0055, 0.5860,
0.1859

157.7569, 0.3687,
0.2987

 0.0000, 0.9948,
0.0000

195.4637, 0.3649,

 0.0000, 1.0000,

0.3007

0.0000

238.7457, 0.3616,
0.3025

■ 0.0000, 0.0000,
0.0000

■ 27.0682, 0.4126,
0.2753

■ 27.0682, 0.4126,
0.2753

■ 22.9368, 0.4419,
0.2690

■ 32.4363, 0.3868,
0.2840

■ 19.9366, 0.4736,
0.2662

■ 39.1270, 0.3647,
0.2939

■ 17.9514, 0.5058,
0.2683


■ 47.2229, 0.3463,
0.3042


■ 16.8370, 0.5362,
0.2756


■ 56.7991, 0.3310,
0.3143

■ 16.5045, 0.5494,
0.2800

■ 67.9251, 0.3185,
0.3240

 80.6659, 0.3082,
0.3331

 93.9252, 0.2998,
0.3397

 94.5903, 0.2941,
0.3289

Harmonies

Analogous

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



27.0682, 0.3219, 0.2290



27.0682, 0.4126, 0.2753



27.0682, 0.4756, 0.3336

Triad

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



27.0682, 0.4126, 0.2753



27.0682, 0.3679, 0.4926



27.0682, 0.1649, 0.2277

Complementary

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



27.0682, 0.4126, 0.2753



59.2056, 0.2657, 0.3947

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.



27.0682, 0.1727, 0.2903



27.0682, 0.4126, 0.2753



27.0682, 0.2846, 0.4696

Square

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



27.0682, 0.4126, 0.2753



27.0682, 0.4411, 0.4567



27.0682, 0.2136, 0.3845



27.0682, 0.1875, 0.2006

Rectangle

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



27.0682, 0.4126, 0.2753



27.0682, 0.4874, 0.3755



27.0682, 0.2136, 0.3845



27.0682, 0.1640, 0.2444

Sweetspot

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



27.0696, 0.4126, 0.2753



73.7779, 0.3335, 0.3126



23.7814, 0.2708, 0.1788



15.2156, 0.3364, 0.3105



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.



27.0696, 0.4126, 0.2753



30.2453, 0.4453, 0.2685



28.9095, 0.4679, 0.3458



13.7860, 0.3233, 0.3201



9.6256, 0.5455, 0.2778



0.6842, 0.5036, 0.2548

Inverse Universe

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



27.0696, 0.4126, 0.2753



30.2453, 0.4453, 0.2685



53.9627, 0.2389, 0.3095



13.7860, 0.3233, 0.3201



9.6256, 0.5455, 0.2778



0.6842, 0.5036, 0.2548

Previews

White Background



This preview shows how the Yxy color 27.0682, 0.4126, 0.2753 looks on a white background.

Color Contrast Check

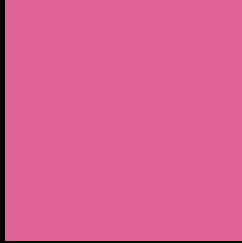
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0682, 0.4126, 0.2753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

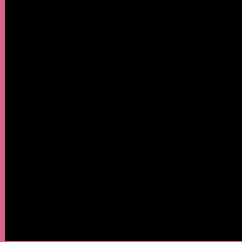
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0682, 0.4126, 0.2753

Background



This preview shows how black text looks on a background with the Yxy color 27.0682, 0.4126, 0.2753.



This preview shows how white text looks on a background with the Yxy color 27.0682, 0.4126, 0.2753.

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

27.0682, 0.4126, 0.2753

Protanopia

27.3011, 0.2781, 0.2789

Deuteranopia

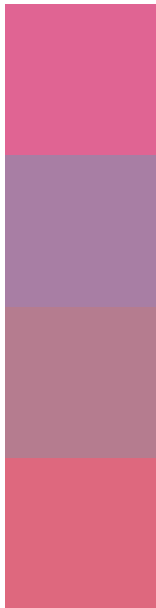
27.2681, 0.3307, 0.3244



Tritanopia

27.1024, 0.4518, 0.3213

Trichromacy



Original Color

27.0682, 0.4126, 0.2753

Protanomaly

25.9269, 0.3198, 0.2736

Deuteranomaly

26.2222, 0.3595, 0.3019

Tritanomaly

26.9366, 0.4380, 0.3038

Monochromacy



Original Color

27.0682, 0.4126, 0.2753

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

25.9630, 0.3469, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0682, 0.4126, 0.2753 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, 100, 147)` looks like.

```
.text, #text, p{  
    color:rgb(224, 100, 147)  
}
```

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, 100, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 100, 147) }
```

Border

The CSS property to change the border of an element to Yxy 27.0682, 0.4126, 0.2753 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, 100, 147) }
```

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

```
.border{ border-color:rgb(224, 100, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 100, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 100, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 100, 147);  
box-shadow:4px 4px 4px 4px rgb(224, 100,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0682, 0.4126, 0.2753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 100, 147) }
```

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

```
.background{ background-color: rgb(224,  
100, 147) }
```

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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