

Converting Colors

$Y_{xy}(27.0543, 0.3972, 0.2498)$

Have a look what the booklet for
Yxy(27.0543, 0.3972, 0.2498)
contains.

Yxy(27.1576, 0.3981, 0.2505)	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(27.1576, 0.3981, 0.2505)

Conversions

Conversions Part 1

Format	Color
Hex	E65CA4
RGB	230, 92, 164
RGB Percent	90%, 36%, 64%
CMY	0.0981, 0.6392, 0.3568
CMYK	0.00, 0.60, 0.29, 0.10
HSL	329°, 73%, 63%
HSV	329°, 60%, 90%
XYZ	43.1594, 27.1576, 38.0965
YIQ	141.4700, 59.1360, 51.6480

Conversions

Conversions Part 2

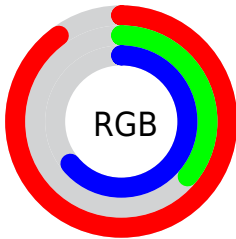
Format	Color
R _Y B	230, 92, 164
Decimal	15096996
CIE _{Lab}	59.12, 60.52, -11.41
CIE _{LCh}	59, 61.585, 349.320
Yxy	27.1576, 0.3981, 0.2505
Android (android.graphics.Color)	4293287076 (0xFFE65CA4)
YUV	141.4700, 11.1073, 77.6408
Hunter-Lab	52.1130, 56.6343, -6.8642

Details

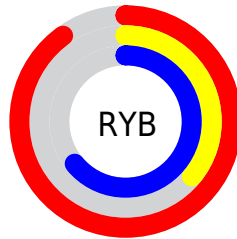
The Yxy color **27.1576, 0.3981, 0.2505** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **61.3316, 0.2731, 0.4309**, and the grayscale version is **26.7708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.5543, 0.3493, 0.2571**, and **10.7563, 0.4269, 0.2275** is the 20% darker color. If you saturate the color by 10%, you get **23.3799, 0.4202, 0.2425**, and if you desaturate by 10%, it is **32.1815, 0.3780, 0.2616**.

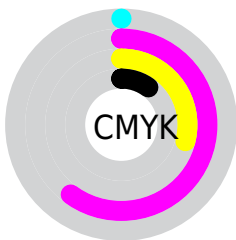
Distribution



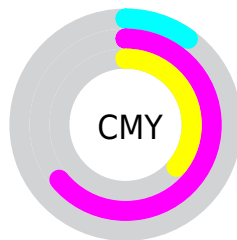
- Red (90%)
- Green (36%)
- Blue (64%)



- Red (90%)
- Yellow (36%)
- Blue (64%)



- Cyan (0%)
- Magenta (60%)
- Yellow (29%)
- Black (10%)





- Cyan (10%)
- Magenta (64%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1576, 0.3981, 0.2505 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 27.1576, 0.3981, 0.2505 by changing the saturation by 10% instead.


 27.1576, 0.3981,
0.2505


 27.1576, 0.3981,
0.2505


288.4194, 0.3530,
0.2908


 17.6916, 0.4101,
0.2402


 55.1367, 0.3812,
0.2653


 10.7288, 0.4260,
0.2269


 74.4185, 0.3750,
0.2708

 5.8848, 0.4478,
0.2090


 97.7412, 0.3698,
0.2755

 2.7752, 0.4797,
0.1840

 125.4889, 0.3654,
0.2794

 1.0155, 0.5298,
0.1471

158.0462, 0.3617,
0.2829

 0.0000, 0.6858,
0.0000

195.7975, 0.3584,

 0.0000, 1.0000,

0.2858

0.0000

239.1271, 0.3555,
0.2884

0.0000, 0.0000,
0.0000

27.1576, 0.3981,
0.2505

27.1576, 0.3981,
0.2505

23.3799, 0.4202,
0.2425

32.1815, 0.3780,
0.2616

20.7301, 0.4435,
0.2388

38.5474, 0.3604,
0.2746

19.0740, 0.4669,
0.2405


46.3466, 0.3452,
0.2885


18.1783, 0.4895,
0.2470

55.6609, 0.3324,
0.3025


18.1776, 0.4895,
0.2470

66.5660, 0.3216,
0.3161

 79.1326, 0.3127,
0.3290

 93.4269, 0.3053,
0.3411

 95.3689, 0.2992,
0.3320

 95.5611, 0.2976,
0.3290

Harmonies

Analogous

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



27.1576, 0.2923, 0.2053



27.1576, 0.3981, 0.2505



27.1576, 0.4857, 0.3114

Triad

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



27.1576, 0.3981, 0.2505



27.1576, 0.3981, 0.5090



27.1576, 0.1458, 0.2282

Complementary

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



27.1576, 0.3981, 0.2505



61.3316, 0.2731, 0.4309

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.



27.1576, 0.1634, 0.3113



27.1576, 0.3981, 0.2505



27.1576, 0.3049, 0.5119

Square

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



27.1576, 0.3981, 0.2505



27.1576, 0.4752, 0.4506



27.1576, 0.2187, 0.4280



27.1576, 0.1612, 0.1889

Rectangle

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



27.1576, 0.3981, 0.2505



27.1576, 0.5113, 0.3564



27.1576, 0.2187, 0.4280



27.1576, 0.1478, 0.2507

Sweetspot

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



27.1590, 0.3981, 0.2505



72.7962, 0.3302, 0.3051



20.4777, 0.2463, 0.1581



14.7766, 0.3336, 0.3010



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.



27.1590, 0.3981, 0.2505



28.6154, 0.4257, 0.2412



25.3340, 0.4948, 0.3248



14.4930, 0.3211, 0.3168



10.3172, 0.4862, 0.2452



0.7812, 0.4555, 0.2283

Inverse Universe

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



27.1590, 0.3981, 0.2505



28.6154, 0.4257, 0.2412



64.3209, 0.2412, 0.3347



14.4930, 0.3211, 0.3168



10.3172, 0.4862, 0.2452



0.7812, 0.4555, 0.2283

Previews

White Background



This preview shows how the Yxy color 27.1576, 0.3981, 0.2505 looks on a white background.

Color Contrast Check

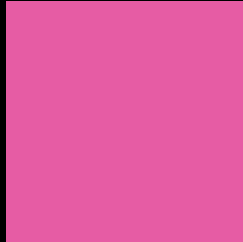
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1576, 0.3981, 0.2505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

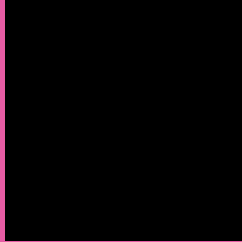
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1576, 0.3981, 0.2505

Background



This preview shows how black text looks on a background with the Yxy color 27.1576, 0.3981, 0.2505.



This preview shows how white text looks on a background with the Yxy color 27.1576, 0.3981, 0.2505.

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

27.1576, 0.3981, 0.2505

Protanopia

27.5626, 0.2503, 0.2436

Deuteranopia

27.3836, 0.3066, 0.3009



Tritanopia

27.0559, 0.4620, 0.3216

Trichromacy



Original Color

27.1576, 0.3981, 0.2505



Protanomaly

25.6036, 0.2932, 0.2402



Deuteranomaly

26.0408, 0.3374, 0.2755



Tritanomaly

27.0569, 0.4399, 0.2956

Monochromacy



Original Color

27.1576, 0.3981, 0.2505



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

25.2201, 0.3431, 0.2909

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1576, 0.3981, 0.2505 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(230, 92, 164)` looks like.

```
.text, #text, p{  
    color:rgb(230, 92, 164)  
}
```

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(230, 92, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 92, 164) }
```

Border

The CSS property to change the border of an element to Yxy 27.1576, 0.3981, 0.2505 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(230, 92, 164) }
```

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

```
.border{ border-color:rgb(230, 92, 164) }
```

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

Here you see how a box with a 4 pixel rgb(230, 92, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 92, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 92, 164);  
box-shadow:4px 4px 4px 4px rgb(230, 92,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1576, 0.3981, 0.2505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 92, 164) }
```

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

```
.background{ background-color: rgb(230, 92,  
164) }
```

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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