

Converting Colors

$Y_{xy}(27.3508, 0.3663, 0.2490)$

Have a look what the booklet for
Yxy(27.3508, 0.3663, 0.2490)
contains.

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Color

Yxy(27.3778, 0.3664, 0.2493)

Conversions

Conversions Part 1

Format	Color
Hex	D669AC
RGB	214, 105, 172
RGB Percent	84%, 41%, 67%
CMY	0.1607, 0.5883, 0.3254
CMYK	0.00, 0.51, 0.20, 0.16
HSL	323°, 57%, 63%
HSV	323°, 51%, 84%
XYZ	40.2376, 27.3778, 42.2033
YIQ	145.2290, 43.4570, 43.9450

Conversions

Conversions Part 2

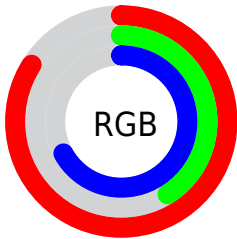
Format	Color
RYB	214, 105, 172
Decimal	14051756
CIELab	59.32, 50.77, -15.96
CIELCh	59, 53.218, 342.552
Yxy	27.3778, 0.3664, 0.2493
Android (android.graphics.Color)	4292241836 (0xFFD669AC)
YUV	145.2290, 13.1981, 60.3122
Hunter-Lab	52.3238, 45.7018, -11.1955

Details

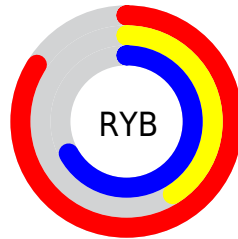
The Yxy color **27.3778, 0.3664, 0.2493** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **53.2170, 0.2825, 0.4279**, and the grayscale version is **28.3446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9477, 0.3405, 0.2614**, and **10.8918, 0.3828, 0.2257** is the 20% darker color. If you saturate the color by 10%, you get **23.2481, 0.3820, 0.2364**, and if you desaturate by 10%, it is **32.6267, 0.3524, 0.2643**.

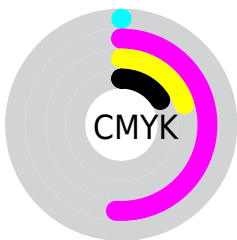
Distribution



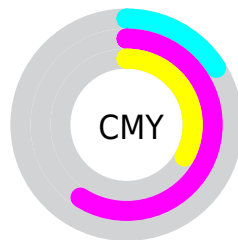
- Red (84%)
- Green (41%)
- Blue (67%)



- Red (84%)
- Yellow (41%)
- Blue (67%)



- Cyan (0%)
- Magenta (51%)
- Yellow (20%)
- Black (16%)



- Cyan (16%)
- Magenta (59%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.3778, 0.3664, 0.2493 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 27.3778, 0.3664, 0.2493 by changing the saturation by 10% instead.

 27.3778, 0.3664,
0.2493


 27.3778, 0.3664,
0.2493


289.4817, 0.3386,
0.2898


 17.8572, 0.3736,
0.2391


 55.4895, 0.3561,
0.2641


 10.8475, 0.3830,
0.2258


 74.8494, 0.3523,
0.2697

 5.9644, 0.3958,
0.2082


 98.2578, 0.3491,
0.2743

 2.8234, 0.4141,
0.1838

 126.0992, 0.3464,
0.2783

 1.0403, 0.4421,
0.1479

158.7578, 0.3440,
0.2818

 0.0000, 0.5393,
0.0000

196.6182, 0.3420,

 0.0000, 1.0000,

0.2848

0.0000

240.0647, 0.3402,
0.2875

 0.0000, 0.0000,
0.0000

 27.3778, 0.3664,
0.2493


 27.3778, 0.3664,
0.2493


 23.2481, 0.3820,
0.2364

 32.6267, 0.3524,
0.2643


 20.1493, 0.3988,
0.2268


 39.0664, 0.3402,
0.2802


 17.9864, 0.4164,
0.2215

 46.7671, 0.3297,
0.2965

 16.6443, 0.4340,
0.2213

 55.7925, 0.3208,
0.3124

 15.9552, 0.4495,
0.2250

 66.2019, 0.3134,
0.3276

■ 78.0510, 0.3071,
0.3419

■ 91.3924, 0.3019,
0.3552

■ 91.9928, 0.2974,
0.3466

■ 92.4886, 0.2930,
0.3380

Harmonies

Analogous

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



27.3778, 0.2769, 0.2125



27.3778, 0.3664, 0.2493



27.3778, 0.4487, 0.3024

Triad

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



27.3778, 0.3664, 0.2493



27.3778, 0.4083, 0.4790



27.3778, 0.1651, 0.2555

Complementary

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



27.3778, 0.3664, 0.2493



53.2170, 0.2825, 0.4279

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.



27.3778, 0.1897, 0.3367



27.3778, 0.3664, 0.2493



27.3778, 0.3277, 0.4905

Square

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



27.3778, 0.3664, 0.2493



27.3778, 0.4683, 0.4267



27.3778, 0.2475, 0.4338



27.3778, 0.1721, 0.2107

Rectangle

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



27.3778, 0.3664, 0.2493



27.3778, 0.4804, 0.3428



27.3778, 0.2475, 0.4338



27.3778, 0.1696, 0.2787

Sweetspot

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



27.3791, 0.3664, 0.2493



77.0639, 0.3244, 0.3058



21.1386, 0.2505, 0.1814



15.8860, 0.3263, 0.3024



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.



27.3791, 0.3664, 0.2493



34.2128, 0.3830, 0.2357



25.7007, 0.4403, 0.3140



12.5478, 0.3196, 0.3148



9.6617, 0.4471, 0.2237



0.5987, 0.4196, 0.2085

Inverse Universe

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



27.3791, 0.3664, 0.2493



34.2128, 0.3830, 0.2357



55.3423, 0.2532, 0.3463



12.5478, 0.3196, 0.3148



9.6617, 0.4471, 0.2237



0.5987, 0.4196, 0.2085

Previews

White Background



This preview shows how the Yxy color 27.3778, 0.3664, 0.2493 looks on a white background.

Color Contrast Check

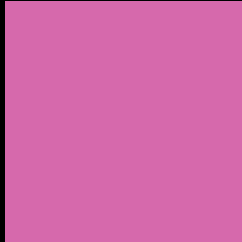
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3778, 0.3664, 0.2493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

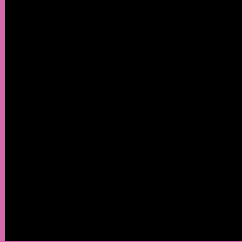
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3778, 0.3664, 0.2493

Background



This preview shows how black text looks on a background with the Yxy color 27.3778, 0.3664, 0.2493.



This preview shows how white text looks on a background with the Yxy color 27.3778, 0.3664, 0.2493.

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

27.3778, 0.3664, 0.2493

Protanopia

27.5626, 0.2503, 0.2436

Deuteranopia

27.6203, 0.2939, 0.2887



Tritanopia

27.2720, 0.4205, 0.3180

Trichromacy



Original Color

27.3778, 0.3664, 0.2493



Protanomaly

26.3816, 0.2845, 0.2421



Deuteranomaly

26.6638, 0.3188, 0.2703



Tritanomaly

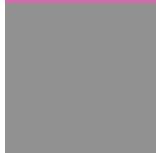
27.1409, 0.4018, 0.2919

Monochromacy



Original Color

27.3778, 0.3664, 0.2493



Achromatopsia

28.3149, 0.3127, 0.3290



Achromatomaly

26.8779, 0.3315, 0.2923

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3778, 0.3664, 0.2493 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(214, 105, 172)` looks like.

```
.text, #text, p{  
    color:rgb(214, 105, 172)  
}
```

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(214, 105, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 105, 172) }
```

Border

The CSS property to change the border of an element to Yxy 27.3778, 0.3664, 0.2493 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(214, 105, 172) }
```

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

```
.border{ border-color:rgb(214, 105, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 105, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 105, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 105, 172);  
box-shadow:4px 4px 4px 4px rgb(214, 105,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3778, 0.3664, 0.2493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 105, 172) }
```

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

```
.background{ background-color: rgb(214,  
105, 172) }
```

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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