

Converting Colors

$Y_{xy}(27.1314, 0.3518, 0.2272)$

Have a look what the booklet for
Yxy(27.1314, 0.3518, 0.2272)
contains.

Yxy(27.0749, 0.3524, 0.2274)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.0749, 0.3524, 0.2274)

Conversions

Conversions Part 1

Format	Color
Hex	D962BB
RGB	217, 98, 187
RGB Percent	85%, 38%, 73%
CMY	0.1489, 0.6157, 0.2667
CMYK	0.00, 0.55, 0.14, 0.15
HSL	315°, 61%, 62%
HSV	315°, 55%, 85%
XYZ	41.9578, 27.0749, 50.0302
YIQ	143.7270, 42.3550, 52.9070

Conversions

Conversions Part 2

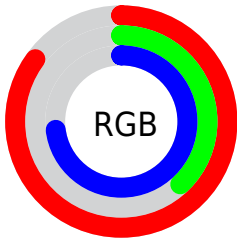
Format	Color
R _Y B	217, 98, 187
Decimal	14246587
CIE Lab	59.04, 57.25, -24.95
CIE LCh	59, 62.446, 336.454
Yxy	27.0749, 0.3524, 0.2274
Android (android.graphics.Color)	4292436667 (0xFFD962BB)
YUV	143.7270, 21.3336, 64.2604
Hunter-Lab	52.0335, 52.8765, -20.5838

Details

The Yxy color **27.0749, 0.3524, 0.2274** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **53.7922, 0.2895, 0.4615**, and the grayscale version is **27.6738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.5135, 0.3273, 0.2403**, and **10.6780, 0.3614, 0.1990** is the 20% darker color. If you saturate the color by 10%, you get **23.3215, 0.3623, 0.2133**, and if you desaturate by 10%, it is **31.9405, 0.3431, 0.2443**.

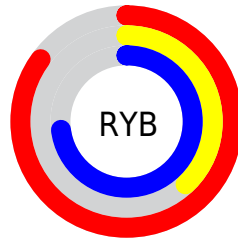
Distribution



Red (85%)

Green (38%)

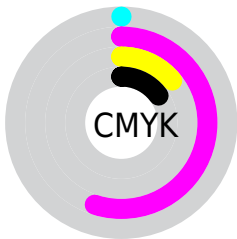
Blue (73%)



Red (85%)

Yellow (38%)

Blue (73%)

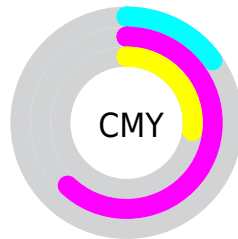


Cyan (0%)

Magenta (55%)

Yellow (14%)

Black (15%)



Cyan (15%)


Magenta (62%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0749, 0.3524, 0.2274 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 27.0749, 0.3524, 0.2274 by changing the saturation by 10% instead.

 27.0749, 0.3524,
0.2274


 27.0749, 0.3524,
0.2274


288.0196, 0.3330,
0.2778


 17.6295, 0.3570,
0.2151


 55.0040, 0.3455,
0.2455

 10.6843, 0.3628,
0.1996


 74.2565, 0.3429,
0.2524

 5.8550, 0.3702,
0.1794


 97.5469, 0.3406,
0.2582

 2.7571, 0.3797,
0.1524

 125.2594, 0.3387,
0.2632

 1.0063, 0.3923,
0.1152

157.7786, 0.3370,
0.2676

 0.0000, 0.4356,
0.0000

195.4887, 0.3355,


 0.0000, 0.3662,


0.2714


0.0000


238.7743, 0.3342,
0.2748


 0.0000, 0.0000,
0.0000

 27.0749, 0.3524,
0.2274

 27.0749, 0.3524,
0.2274


 23.3215, 0.3623,
0.2133


 31.9405, 0.3431,
0.2443


 20.5850, 0.3726,
0.2028

 37.9956, 0.3347,
0.2628


 18.7608, 0.3829,
0.1970

 45.3150, 0.3273,
0.2821

 17.7194, 0.3929,
0.1959

 53.9662, 0.3207,
0.3014

 17.3743, 0.3980,
0.1966

 64.0121, 0.3151,
0.3202

■ 75.5115, 0.3104,
0.3381

■ 88.5197, 0.3063,
0.3549

■ 92.0328, 0.3031,
0.3542

■ 92.3465, 0.3001,
0.3484

Harmonies

Analogous

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



27.0749, 0.2518, 0.1912



27.0749, 0.3524, 0.2274



27.0749, 0.4558, 0.2833

Triad

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



27.0749, 0.3524, 0.2274



27.0749, 0.4355, 0.4894



27.0749, 0.1472, 0.2569

Complementary

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



27.0749, 0.3524, 0.2274



53.7922, 0.2895, 0.4615

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.



27.0749, 0.1806, 0.3600



27.0749, 0.3524, 0.2274



27.0749, 0.3455, 0.5239

Square

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



27.0749, 0.3524, 0.2274



27.0749, 0.4998, 0.4208



27.0749, 0.2520, 0.4756



27.0749, 0.1490, 0.1994

Rectangle

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



27.0749, 0.3524, 0.2274



27.0749, 0.5011, 0.3268



27.0749, 0.2520, 0.4756



27.0749, 0.1541, 0.2865

Sweetspot

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



27.0762, 0.3524, 0.2274



76.0294, 0.3215, 0.2989



18.3134, 0.2302, 0.1636



15.6959, 0.3228, 0.2950



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.



27.0762, 0.3524, 0.2274



32.8096, 0.3641, 0.2111



25.0400, 0.4331, 0.2941



13.2158, 0.3176, 0.3117



10.5328, 0.3966, 0.1959



0.6959, 0.3816, 0.1876

Inverse Universe

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



27.0762, 0.3524, 0.2274



32.8096, 0.3641, 0.2111



55.8327, 0.2580, 0.3708



13.2158, 0.3176, 0.3117



10.5328, 0.3966, 0.1959



0.6959, 0.3816, 0.1876

Previews

White Background



This preview shows how the Yxy color 27.0749, 0.3524, 0.2274 looks on a white background.

Color Contrast Check

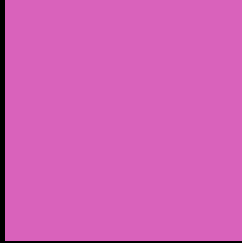
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0749, 0.3524, 0.2274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

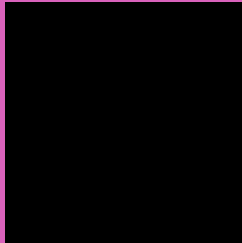
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0749, 0.3524, 0.2274

Background



This preview shows how black text looks on a background with the Yxy color 27.0749, 0.3524, 0.2274.



This preview shows how white text looks on a background with the Yxy color 27.0749, 0.3524, 0.2274.

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

27.0749, 0.3524, 0.2274

Protanopia

27.5009, 0.2280, 0.2145

Deuteranopia

27.3698, 0.2731, 0.2676



Tritanopia

26.9170, 0.4254, 0.3181

Trichromacy



Original Color

27.0749, 0.3524, 0.2274



Protanomaly

25.8006, 0.2617, 0.2145



Deuteranomaly

26.1931, 0.2982, 0.2471



Tritanomaly

26.9466, 0.3985, 0.2827

Monochromacy



Original Color

27.0749, 0.3524, 0.2274



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

26.3747, 0.3275, 0.2811

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0749, 0.3524, 0.2274 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(217, 98, 187)` looks like.

```
.text, #text, p{  
    color:rgb(217, 98, 187)  
}
```

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(217, 98, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 98, 187) }
```

Border

The CSS property to change the border of an element to Yxy 27.0749, 0.3524, 0.2274 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(217, 98, 187) }
```

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

```
.border{ border-color:rgb(217, 98, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 98, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 98, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 98, 187);  
box-shadow:4px 4px 4px 4px rgb(217, 98,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0749, 0.3524, 0.2274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 98, 187) }
```

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

```
.background{ background-color: rgb(217, 98,  
187) }
```

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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