

Converting Colors

$Y_{xy}(30.4025, 0.3773, 0.2752)$

Have a look what the booklet for
Yxy(30.4025, 0.3773, 0.2752)
contains.

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Color

Yxy(30.3529, 0.3779, 0.2750)

Conversions

Conversions Part 1

Format	Color
Hex	D976A3
RGB	217, 118, 163
RGB Percent	85%, 46%, 64%
CMY	0.1489, 0.5373, 0.3608
CMYK	0.00, 0.46, 0.25, 0.15
HSL	333°, 57%, 66%
HSV	333°, 46%, 85%
XYZ	41.7104, 30.3529, 38.3109
YIQ	152.7310, 44.5590, 34.9830

Conversions

Conversions Part 2

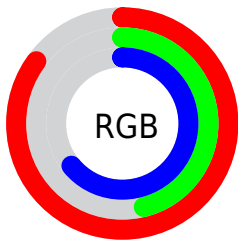
Format	Color
R _{YB}	217, 118, 163
Decimal	14251683
CIE Lab	61.96, 43.94, -6.78
CIE LCh	62, 44.458, 351.222
Yxy	30.3529, 0.3779, 0.2750
Android (android.graphics.Color)	4292441763 (0xFFD976A3)
YUV	152.7310, 5.0626, 56.3639
Hunter-Lab	55.0935, 38.7260, -2.6636

Details

The Yxy color **30.3529, 0.3779, 0.2750** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **56.4693, 0.2759, 0.3920**, and the grayscale version is **31.6954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.8270, 0.3468, 0.2820**, and **12.5177, 0.4001, 0.2593** is the 20% darker color. If you saturate the color by 10%, you get **25.4135, 0.4000, 0.2645**, and if you desaturate by 10%, it is **36.5107, 0.3588, 0.2868**.

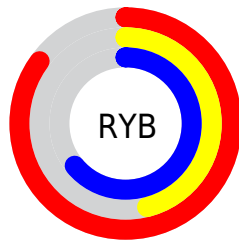
Distribution



Red (85%)

Green (46%)

Blue (64%)



Red (85%)

Yellow (46%)

Blue (64%)

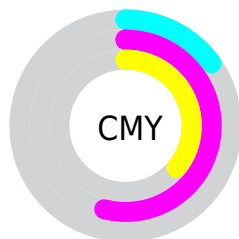


Cyan (0%)

Magenta (46%)

Yellow (25%)

Black (15%)



Cyan (15%)


Magenta (54%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3529, 0.3779, 0.2750 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 30.3529, 0.3779, 0.2750 by changing the saturation by 10% instead.


 30.3529, 0.3779,
0.2750


 30.3529, 0.3779,
0.2750


303.5460, 0.3436,
0.3029

 20.1066, 0.3871,
0.2678


 60.2198, 0.3650,
0.2853

 12.4726, 0.3992,
0.2583


 80.6092, 0.3603,
0.2892

 7.0664, 0.4159,
0.2455


 105.1485, 0.3563,
0.2924

 3.5036, 0.4406,
0.2271

134.2220, 0.3530,
0.2951

 1.4000, 0.4800,
0.1987

168.2140, 0.3501,
0.2975

 0.2167, 0.5944,
0.0948

207.5091, 0.3477,

 0.0000, 1.0000,

0.2995

0.0000

252.4916, 0.3455,
0.3013

0.0000, 0.0000,
0.0000

30.3529, 0.3779,
0.2750

30.3529, 0.3779,
0.2750

25.4135, 0.4000,
0.2645

36.5107, 0.3588,
0.2868

21.6052, 0.4249,
0.2565

43.9576, 0.3427,
0.2990

18.8361, 0.4519,
0.2522


52.7638, 0.3292,
0.3112


16.9978, 0.4796,
0.2528


62.9934, 0.3181,
0.3228


15.9571, 0.5063,
0.2588

74.7063, 0.3089,
0.3337

 15.6498, 0.5176,
0.2625

 87.9590, 0.3014,
0.3438

 92.9218, 0.2949,
0.3383

 93.4958, 0.2900,
0.3289

Harmonies

Analogous

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



30.3529, 0.3044, 0.2386



30.3529, 0.3779, 0.2750



30.3529, 0.4360, 0.3236

Triad

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



30.3529, 0.3779, 0.2750



30.3529, 0.3762, 0.4586



30.3529, 0.1880, 0.2564

Complementary

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



30.3529, 0.3779, 0.2750



56.4693, 0.2759, 0.3920

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.



30.3529, 0.2021, 0.3156



30.3529, 0.3779, 0.2750



30.3529, 0.3077, 0.4488

Square

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



30.3529, 0.3779, 0.2750



30.3529, 0.4311, 0.4271



30.3529, 0.2442, 0.3912



30.3529, 0.2015, 0.2253

Rectangle

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



30.3529, 0.3779, 0.2750



30.3529, 0.4538, 0.3592



30.3529, 0.2442, 0.3912



30.3529, 0.1896, 0.2731

Sweetspot

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



30.3544, 0.3779, 0.2750



78.1083, 0.3274, 0.3129



26.6018, 0.2724, 0.2026



16.0760, 0.3301, 0.3104



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.



30.3544, 0.3779, 0.2750



36.6987, 0.3997, 0.2647



29.8088, 0.4335, 0.3334



13.1495, 0.3221, 0.3184



9.4917, 0.5141, 0.2606



0.6322, 0.4746, 0.2388

Inverse Universe

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



30.3544, 0.3779, 0.2750



36.6987, 0.3997, 0.2647



56.8162, 0.2511, 0.3245



13.1495, 0.3221, 0.3184



9.4917, 0.5141, 0.2606



0.6322, 0.4746, 0.2388

Previews

White Background



This preview shows how the Yxy color 30.3529, 0.3779, 0.2750 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.3529, 0.3779, 0.2750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

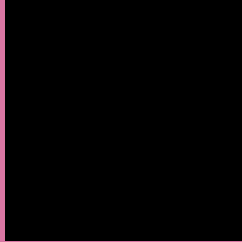
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3529, 0.3779, 0.2750

Background



This preview shows how black text looks on a background with the Yxy color 30.3529, 0.3779, 0.2750.



This preview shows how white text looks on a background with the Yxy color 30.3529, 0.3779, 0.2750.

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

30.3529, 0.3779, 0.2750

Protanopia

30.7534, 0.2771, 0.2783

Deuteranopia

30.6035, 0.3167, 0.3111



Tritanopia

30.4049, 0.4099, 0.3181

Trichromacy



Original Color

30.3529, 0.3779, 0.2750

Protanomaly

29.8576, 0.3090, 0.2754

Deuteranomaly

29.9701, 0.3373, 0.2955

Tritanomaly

30.3798, 0.3980, 0.3022

Monochromacy



Original Color

30.3529, 0.3779, 0.2750

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.4206, 0.3344, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3529, 0.3779, 0.2750 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, 118, 163)` looks like.

```
.text, #text, p{  
    color:rgb(217, 118, 163)  
}
```

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, 118, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 118, 163) }
```

Border

The CSS property to change the border of an element to Yxy 30.3529, 0.3779, 0.2750 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, 118, 163) }
```

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

```
.border{ border-color:rgb(217, 118, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 118, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 118, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 118, 163);  
box-shadow:4px 4px 4px 4px rgb(217, 118,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3529, 0.3779, 0.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 118, 163) }
```

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

```
.background{ background-color: rgb(217,  
118, 163) }
```

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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