

Converting Colors

$Y_{xy}(22.5770, 0.4766, 0.3073)$

Have a look what the booklet for
Yxy(22.5770, 0.4766, 0.3073)
contains.

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Color

Yxy(22.5770, 0.4766, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	DB5569
RGB	219, 85, 105
RGB Percent	86%, 33%, 41%
CMY	0.1411, 0.6667, 0.5882
CMYK	0.00, 0.61, 0.52, 0.14
HSL	351°, 65%, 60%
HSV	351°, 61%, 86%
XYZ	35.0153, 22.5770, 15.8766
YIQ	127.3460, 73.4440, 34.6280

Conversions

Conversions Part 2

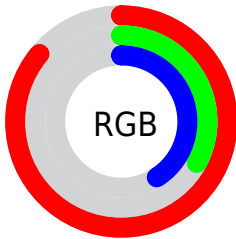
Format	Color
R _Y B	219, 85, 105
Decimal	14374249
CIE Lab	54.63, 53.98, 16.51
CIE LCh	55, 56.448, 17.012
Yxy	22.5770, 0.4766, 0.3073
Android (android.graphics.Color)	4292564329 (0xFFDB5569)
YUV	127.3460, -11.0166, 80.3806
Hunter-Lab	47.5153, 48.3898, 13.4497

Details

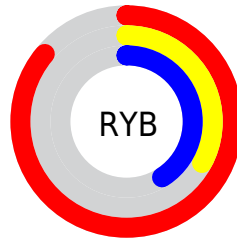
The Yxy color **22.5770, 0.4766, 0.3073** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **56.7261, 0.2477, 0.3567**, and the grayscale version is **21.3679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4165, 0.4173, 0.3126**, and **8.3297, 0.5396, 0.2921** is the 20% darker color. If you saturate the color by 10%, you get **19.3054, 0.5199, 0.3070**, and if you desaturate by 10%, it is **27.0018, 0.4365, 0.3095**.

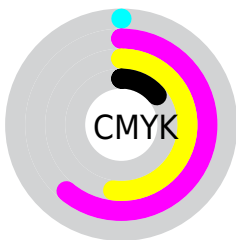
Distribution



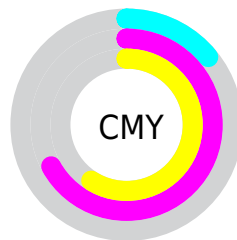
- Red (86%)
- Green (33%)
- Blue (41%)



- Red (86%)
- Yellow (33%)
- Blue (41%)



- Cyan (0%)
- Magenta (61%)
- Yellow (52%)
- Black (14%)




- Cyan (14%)
- Magenta (67%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.5770, 0.4766, 0.3073 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 22.5770, 0.4766, 0.3073 by changing the saturation by 10% instead.


 22.5770, 0.4766,
0.3073


 22.5770, 0.4766,
0.3073


265.5449, 0.3845,
0.3230


 14.2815, 0.5029,
0.3013


 47.6978, 0.4407,
0.3144

 8.3167, 0.5385,
0.2920


 65.2919, 0.4279,
0.3167

 4.2983, 0.5888,
0.2767

 86.7543, 0.4174,
0.3184

 1.8418, 0.6663,
0.2507

 112.4694, 0.4087,
0.3197

 0.5130, 0.8123,
0.1877

142.8217, 0.4013,
0.3208

 0.0000, 1.0000,
0.0000

178.1954, 0.3949,

 0.0000, 0.0000,

0.3217

0.0000

218.9750, 0.3894,
0.3224

■ 22.5770, 0.4766,
0.3073

■ 22.5770, 0.4766,
0.3073

■ 19.3054, 0.5199,
0.3070

■ 27.0018, 0.4365,
0.3095

■ 17.0756, 0.5624,
0.3093

■ 32.6702, 0.4017,
0.3129

■ 15.7607, 0.5984,
0.3143

■ 39.6679, 0.3727,
0.3168

■ 15.1706, 0.6215,
0.3197

■ 48.0721, 0.3490,
0.3209

■ 57.9538, 0.3298,
0.3249

■ 69.3794, 0.3143,
0.3286

■ 82.4112, 0.3019,
0.3320

■ 93.7419, 0.2917,
0.3299

■ 93.8025, 0.2912,
0.3289

Harmonies

Analogous

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



22.5770, 0.3882, 0.2481



22.5770, 0.4766, 0.3073



22.5770, 0.5082, 0.3741

Triad

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



22.5770, 0.4766, 0.3073



22.5770, 0.3128, 0.5096



22.5770, 0.1619, 0.1935

Complementary

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



22.5770, 0.4766, 0.3073



56.7261, 0.2477, 0.3567

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.



22.5770, 0.1492, 0.2354



22.5770, 0.4766, 0.3073



22.5770, 0.2268, 0.4337

Square

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



22.5770, 0.4766, 0.3073



22.5770, 0.4036, 0.5020



22.5770, 0.1694, 0.3201



22.5770, 0.2067, 0.1856

Rectangle

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



22.5770, 0.4766, 0.3073



22.5770, 0.4931, 0.4206



22.5770, 0.1694, 0.3201



22.5770, 0.1542, 0.2032

Sweetspot

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



22.5782, 0.4766, 0.3073



71.8654, 0.3427, 0.3221



23.7412, 0.2979, 0.1787



14.5518, 0.3487, 0.3210



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.



22.5782, 0.4766, 0.3073



26.3542, 0.5305, 0.3073



32.1939, 0.4652, 0.3831



13.0830, 0.3268, 0.3255



9.0040, 0.6187, 0.3182



0.5935, 0.5789, 0.2963

Inverse Universe

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



22.5782, 0.4766, 0.3073



26.3542, 0.5305, 0.3073



36.5923, 0.2231, 0.2607



13.0830, 0.3268, 0.3255



9.0040, 0.6187, 0.3182



0.5935, 0.5789, 0.2963

Previews

White Background



This preview shows how the Yxy color 22.5770, 0.4766, 0.3073 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 22.5770, 0.4766, 0.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

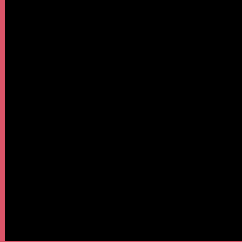
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.5770, 0.4766, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 22.5770, 0.4766, 0.3073.



This preview shows how white text looks on a background with the Yxy color 22.5770, 0.4766, 0.3073.

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

22.5770, 0.4766, 0.3073

Protanopia

22.8594, 0.3194, 0.3343

Deuteranopia

22.7911, 0.3808, 0.3736



Tritanopia

22.5121, 0.4921, 0.3230

Trichromacy



Original Color

22.5770, 0.4766, 0.3073

Protanomaly

21.3900, 0.3726, 0.3197

Deuteranomaly

21.7734, 0.4170, 0.3440

Tritanomaly

22.4241, 0.4869, 0.3174

Monochromacy



Original Color

22.5770, 0.4766, 0.3073

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.3938, 0.3682, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5770, 0.4766, 0.3073 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(219, 85, 105)` looks like.

```
.text, #text, p{  
    color:rgb(219, 85, 105)  
}
```

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(219, 85, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 85, 105) }
```

Border

The CSS property to change the border of an element to Yxy 22.5770, 0.4766, 0.3073 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(219, 85, 105) }
```

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

```
.border{ border-color:rgb(219, 85, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 85, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 85, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 85, 105);  
box-shadow:4px 4px 4px 4px rgb(219, 85,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5770, 0.4766, 0.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 85, 105) }
```

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

```
.background{ background-color: rgb(219, 85,  
105) }
```

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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