

Converting Colors

$Y_{xy}(20.0839, 0.4327, 0.2719)$

Have a look what the booklet for
Yxy(20.0839, 0.4327, 0.2719)
contains.

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Color

Yxy(20.0769, 0.4320, 0.2715)

Conversions

Conversions Part 1

Format	Color
Hex	CE4E7E
RGB	206, 78, 126
RGB Percent	81%, 31%, 49%
CMY	0.1921, 0.6941, 0.5059
CMYK	0.00, 0.62, 0.39, 0.19
HSL	338°, 57%, 56%
HSV	338°, 62%, 81%
XYZ	31.9456, 20.0769, 21.9256
YIQ	121.7440, 60.8800, 42.0640

Conversions

Conversions Part 2

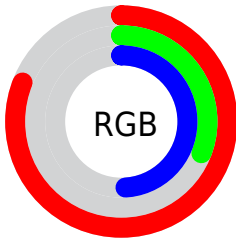
Format	Color
R_{YB}	206, 78, 126
Decimal	13520510
CIE _{Lab}	51.92, 54.86, -0.12
CIE _{LCh}	52, 54.862, 359.878
Yxy	20.0769, 0.4320, 0.2715
Android (android.graphics.Color)	4291710590 (0xFFCE4E7E)
YUV	121.7440, 2.0982, 73.8925
Hunter-Lab	44.8073, 48.8498, 2.3526

Details

The Yxy color **20.0769, 0.4320, 0.2715** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **48.2372, 0.2624, 0.4032**, and the grayscale version is **19.3523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.2897, 0.3940, 0.2816**, and **7.0018, 0.4794, 0.2486** is the 20% darker color. If you saturate the color by 10%, you get **17.2838, 0.4631, 0.2675**, and if you desaturate by 10%, it is **23.8315, 0.4038, 0.2787**.

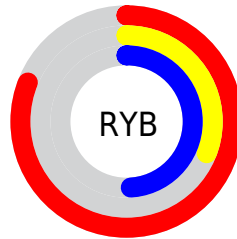
Distribution



Red (81%)

Green (31%)

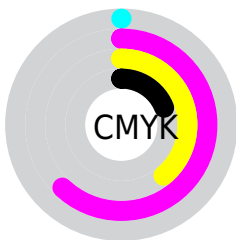
Blue (49%)



Red (81%)

Yellow (31%)

Blue (49%)

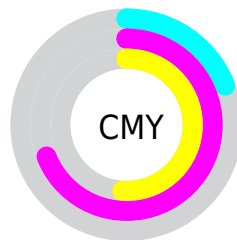


Cyan (0%)

Magenta (62%)

Yellow (39%)

Black (19%)



Cyan (19%)


Magenta (69%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.0769, 0.4320, 0.2715 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 20.0769, 0.4320, 0.2715 by changing the saturation by 10% instead.


 20.0769, 0.4320,
0.2715


 20.0769, 0.4320,
0.2715


252.3311, 0.3646,
0.3040


 12.4510, 0.4518,
0.2620


 43.5461, 0.4054,
0.2843


 7.0516, 0.4793,
0.2487


 60.1581, 0.3961,
0.2888


 3.4944, 0.5195,
0.2294

 80.5343, 0.3884,
0.2925

 1.3950, 0.5831,
0.1988

 105.0590, 0.3821,
0.2956

 0.2130, 0.7947,
0.0965

 134.1166, 0.3767,
0.2982

 0.0000, 1.0000,
0.0000

168.0916, 0.3721,

 0.0000, 0.0000,

0.3004

0.0000

207.3683, 0.3681,
0.3023

■ 20.0769, 0.4320,
0.2715

■ 20.0769, 0.4320,
0.2715

■ 17.2838, 0.4631,
0.2675

■ 23.8315, 0.4038,
0.2787

■ 15.3585, 0.4955,
0.2677

■ 28.6234, 0.3792,
0.2877

■ 14.1937, 0.5269,
0.2732

■ 34.5245, 0.3584,
0.2977

■ 13.6625, 0.5498,
0.2802

■ 41.5992, 0.3410,
0.3078

■ 49.9070, 0.3267,
0.3177

■ 59.5034, 0.3149,
0.3271

■ 70.4404, 0.3053,
0.3358

■ 82.7672, 0.2974,
0.3439

■ 91.0478, 0.2907,
0.3427

Harmonies

Analogous

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



20.0769, 0.3283, 0.2201



20.0769, 0.4320, 0.2715



20.0769, 0.5004, 0.3352

Triad

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



20.0769, 0.4320, 0.2715



20.0769, 0.3658, 0.5164



20.0769, 0.1495, 0.2115

Complementary

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



20.0769, 0.4320, 0.2715



48.2372, 0.2624, 0.4032

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.



20.0769, 0.1550, 0.2777



20.0769, 0.4320, 0.2715



20.0769, 0.2732, 0.4886

Square

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



20.0769, 0.4320, 0.2715



20.0769, 0.4499, 0.4728



20.0769, 0.1965, 0.3853



20.0769, 0.1759, 0.1853

Rectangle

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



20.0769, 0.4320, 0.2715



20.0769, 0.5096, 0.3808



20.0769, 0.1965, 0.3853



20.0769, 0.1477, 0.2286

Sweetspot

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



20.0780, 0.4320, 0.2715



71.0885, 0.3366, 0.3107



17.0673, 0.2642, 0.1625



14.4264, 0.3410, 0.3078



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.



20.0780, 0.4320, 0.2715



26.6605, 0.4753, 0.2670



21.4904, 0.4961, 0.3468



11.2821, 0.3232, 0.3203



8.4293, 0.5460, 0.2781



0.4495, 0.4926, 0.2487

Inverse Universe

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



20.0780, 0.4320, 0.2715



26.6605, 0.4753, 0.2670



43.3715, 0.2330, 0.3069



11.2821, 0.3232, 0.3203



8.4293, 0.5460, 0.2781



0.4495, 0.4926, 0.2487

Previews

White Background



This preview shows how the Yxy color 20.0769, 0.4320, 0.2715 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 20.0769, 0.4320, 0.2715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

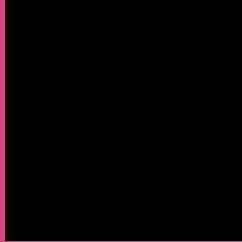
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.0769, 0.4320, 0.2715

Background



This preview shows how black text looks on a background with the Yxy color 20.0769, 0.4320, 0.2715.



This preview shows how white text looks on a background with the Yxy color 20.0769, 0.4320, 0.2715.

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

20.0769, 0.4320, 0.2715

Protanopia

20.2809, 0.2739, 0.2742

Deuteranopia

20.1923, 0.3355, 0.3291



Tritanopia

19.9488, 0.4809, 0.3223

Trichromacy



Original Color

20.0769, 0.4320, 0.2715

Protanomaly

18.9186, 0.3220, 0.2686

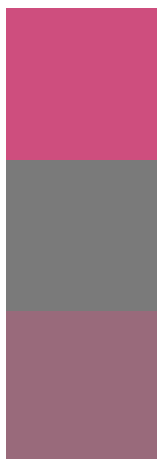
Deuteranomaly

19.2948, 0.3707, 0.3022

Tritanomaly

19.8714, 0.4636, 0.3028

Monochromacy



Original Color

20.0769, 0.4320, 0.2715

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.5104, 0.3553, 0.3008

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.0769, 0.4320, 0.2715 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(206, 78, 126)` looks like.

```
.text, #text, p{  
  color:rgb(206, 78, 126)  
}
```

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(206, 78, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 78, 126) }
```

Border

The CSS property to change the border of an element to Yxy 20.0769, 0.4320, 0.2715 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(206, 78, 126) }
```

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

```
.border{ border-color:rgb(206, 78, 126) }
```

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

Here you see how a box with a 4 pixel rgb(206, 78, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 78, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 78, 126);  
box-shadow:4px 4px 4px 4px rgb(206, 78,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 20.0769, 0.4320, 0.2715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 78, 126) }
```

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

```
.background{ background-color: rgb(206, 78,  
126) }
```

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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