

Converting Colors

$Y_{xy}(20.7029, 0.3754, 0.2522)$

Have a look what the booklet for
Yxy(20.7029, 0.3754, 0.2522)
contains.

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Color

Yxy(20.6569, 0.3759, 0.2526)

Conversions

Conversions Part 1

Format	Color
Hex	C05A94
RGB	192, 90, 148
RGB Percent	75%, 35%, 58%
CMY	0.2470, 0.6470, 0.4196
CMYK	0.00, 0.53, 0.23, 0.25
HSL	326°, 45%, 55%
HSV	326°, 53%, 75%
XYZ	30.7400, 20.6569, 30.3802
YIQ	127.1100, 42.1740, 39.6620

Conversions

Conversions Part 2

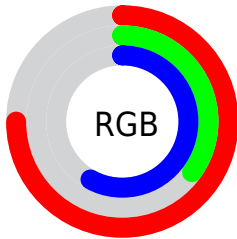
Format	Color
R_{YB}	192, 90, 148
Decimal	12606100
CIE _{Lab}	52.57, 47.64, -12.46
CIE _{LCh}	53, 49.243, 345.341
Yxy	20.6569, 0.3759, 0.2526
Android (android.graphics.Color)	4290796180 (0xFFC05A94)
YUV	127.1100, 10.2988, 56.9085
Hunter-Lab	45.4499, 41.1912, -7.8165

Details

The Yxy color **20.6569, 0.3759, 0.2526** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **41.5971, 0.2790, 0.4240**, and the grayscale version is **21.2168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.7200, 0.3630, 0.2686**, and **7.3591, 0.4001, 0.2275** is the 20% darker color. If you saturate the color by 10%, you get **17.5734, 0.3939, 0.2413**, and if you desaturate by 10%, it is **24.5977, 0.3598, 0.2661**.

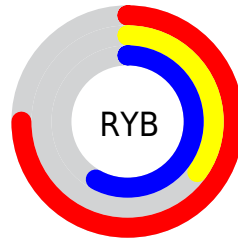
Distribution



Red (75%)

Green (35%)

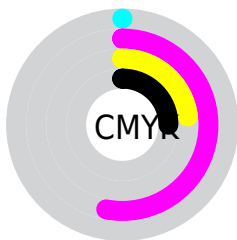
Blue (58%)



Red (75%)

Yellow (35%)

Blue (58%)

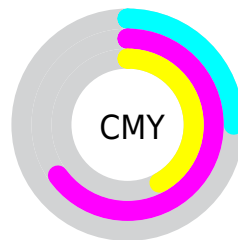


Cyan (0%)

Magenta (53%)

Yellow (23%)

Black (25%)



Cyan (25%)


Magenta (65%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.6569, 0.3759, 0.2526 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 20.6569, 0.3759, 0.2526 by changing the saturation by 10% instead.


 20.6569, 0.3759,
0.2526


 20.6569, 0.3759,
0.2526

255.4494, 0.3414,
0.2934

 12.8734, 0.3856,
0.2415


 44.5158, 0.3626,
0.2681


 7.3415, 0.3988,
0.2268


 61.3601, 0.3578,
0.2737

 3.6765, 0.4176,
0.2063

 81.9934, 0.3539,
0.2784

 1.4943, 0.4466,
0.1761

 106.8001, 0.3506,
0.2823

 0.2847, 0.5164,
0.0929

136.1647, 0.3478,
0.2857

 0.0000, 1.0000,
0.0000

170.4715, 0.3453,

 0.0000, 0.0000,

0.2886

0.0000

210.1050, 0.3432,
0.2912

■ 20.6569, 0.3759,
0.2526

■ 20.6569, 0.3759,
0.2526

■ 17.5734, 0.3939,
0.2413

■ 24.5977, 0.3598,
0.2661

■ 15.2779, 0.4134,
0.2333

■ 29.4519, 0.3458,
0.2808

■ 13.6954, 0.4337,
0.2297

■ 35.2745, 0.3337,
0.2958

■ 12.7346, 0.4538,
0.2314

■ 42.1150, 0.3236,
0.3106

■ 12.3146, 0.4675,
0.2349

■ 50.0198, 0.3151,
0.3247

■ 59.0322, 0.3080,
0.3381

■ 69.1932, 0.3021,
0.3505

■ 80.5416, 0.2972,
0.3619

■ 88.0310, 0.2929,
0.3644

Harmonies

Analogous

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



20.6569, 0.2840, 0.2136



20.6569, 0.3759, 0.2526



20.6569, 0.4568, 0.3074

Triad

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



20.6569, 0.3759, 0.2526



20.6569, 0.4024, 0.4846



20.6569, 0.1625, 0.2484

Complementary

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



20.6569, 0.3759, 0.2526



41.5971, 0.2790, 0.4240

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.



20.6569, 0.1841, 0.3277



20.6569, 0.3759, 0.2526



20.6569, 0.3197, 0.4911

Square

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



20.6569, 0.3759, 0.2526



20.6569, 0.4662, 0.4334



20.6569, 0.2397, 0.4273



20.6569, 0.1725, 0.2065

Rectangle

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



20.6569, 0.3759, 0.2526



20.6569, 0.4855, 0.3485



20.6569, 0.2397, 0.4273



20.6569, 0.1660, 0.2707

Sweetspot

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



20.6579, 0.3759, 0.2526



72.2203, 0.3266, 0.3060



16.0652, 0.2513, 0.1773



14.9354, 0.3287, 0.3030



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.6579, 0.3759, 0.2526



30.9434, 0.3975, 0.2394



19.4115, 0.4528, 0.3182



10.1717, 0.3202, 0.3160



8.3018, 0.4652, 0.2336



0.3723, 0.4246, 0.2113

Inverse Universe

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



20.6579, 0.3759, 0.2526



30.9434, 0.3975, 0.2394



43.3154, 0.2498, 0.3417



10.1717, 0.3202, 0.3160



8.3018, 0.4652, 0.2336



0.3723, 0.4246, 0.2113

Previews

White Background



This preview shows how the Yxy color 20.6569, 0.3759, 0.2526 looks on a white background.

Color Contrast Check

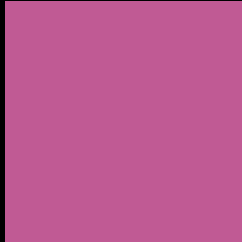
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6569, 0.3759, 0.2526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

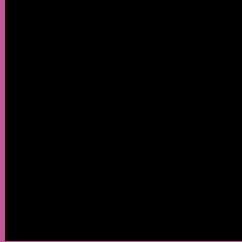
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.6569, 0.3759, 0.2526

Background



This preview shows how black text looks on a background with the Yxy color 20.6569, 0.3759, 0.2526.



This preview shows how white text looks on a background with the Yxy color 20.6569, 0.3759, 0.2526.

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

20.6569, 0.3759, 0.2526

Protanopia

20.8386, 0.2537, 0.2478

Deuteranopia

20.8949, 0.2991, 0.2941



Tritanopia

20.6557, 0.4303, 0.3197

Trichromacy



Original Color

20.6569, 0.3759, 0.2526

Protanomaly

19.8954, 0.2904, 0.2470

Deuteranomaly

20.1855, 0.3254, 0.2745

Tritanomaly

20.5650, 0.4104, 0.2949

Monochromacy



Original Color

20.6569, 0.3759, 0.2526

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.3632, 0.3348, 0.2945

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.6569, 0.3759, 0.2526 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(192, 90, 148)` looks like.

```
.text, #text, p{  
    color:rgb(192, 90, 148)  
}
```

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(192, 90, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 90, 148) }
```

Border

The CSS property to change the border of an element to Yxy 20.6569, 0.3759, 0.2526 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(192, 90, 148) }
```

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

```
.border{ border-color:rgb(192, 90, 148) }
```

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

Here you see how a box with a 4 pixel rgb(192, 90, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 90, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 90, 148);  
box-shadow:4px 4px 4px 4px rgb(192, 90,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 20.6569, 0.3759, 0.2526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 90, 148) }
```

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

```
.background{ background-color: rgb(192, 90,  
148) }
```

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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