

Converting Colors

$Y_{xy}(14.5417, 0.4772, 0.2670)$

Have a look what the booklet for
Yxy(14.5417, 0.4772, 0.2670)
contains.

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Color

Yxy(14.5718, 0.4773, 0.2665)

Conversions

Conversions Part 1

Format	Color
Hex	C42D66
RGB	196, 45, 102
RGB Percent	77%, 18%, 40%
CMY	0.2314, 0.8234, 0.6000
CMYK	0.00, 0.77, 0.48, 0.23
HSL	337°, 63%, 47%
HSV	337°, 77%, 77%
XYZ	26.0980, 14.5718, 14.0086
YIQ	96.6470, 71.6990, 49.7390

Conversions

Conversions Part 2

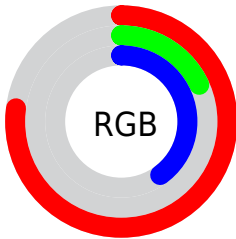
Format	Color
RYB	196, 45, 102
Decimal	12856678
CIELab	45.04, 61.87, 4.28
CIELCh	45, 62.018, 3.956
Yxy	14.5718, 0.4773, 0.2665
Android (android.graphics.Color)	4291046758 (0xFFC42D66)
YUV	96.6470, 2.6390, 87.1326
Hunter-Lab	38.1730, 55.2335, 4.9631

Details

The Yxy color **14.5718, 0.4773, 0.2665** 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 **41.8945, 0.2586, 0.4251**, and the grayscale version is **11.8483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6631, 0.4351, 0.2815**, and **5.5198, 0.5270, 0.2677** is the 20% darker color. If you saturate the color by 10%, you get **13.1824, 0.5093, 0.2691**, and if you desaturate by 10%, it is **16.6923, 0.4456, 0.2687**.

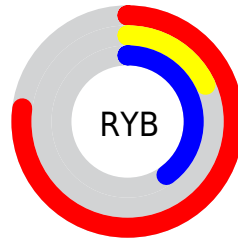
Distribution



Red (77%)

Green (18%)

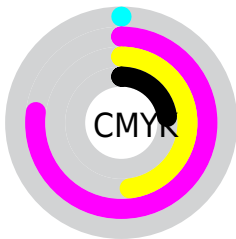
Blue (40%)



Red (77%)

Yellow (18%)

Blue (40%)

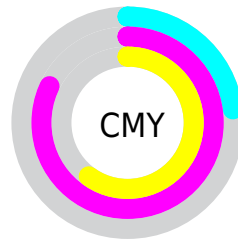


Cyan (0%)

Magenta (77%)

Yellow (48%)

Black (23%)



Cyan (23%)


Magenta (82%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5718, 0.4773, 0.2665 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 14.5718, 0.4773, 0.2665 by changing the saturation by 10% instead.


 14.5718, 0.4773,
0.2665


 14.5718, 0.4773,
0.2665


220.7596, 0.3800,
0.3045


 8.5194, 0.5078,
0.2540


 34.1002, 0.4377,
0.2823


 4.4291, 0.5512,
0.2358

 48.3450, 0.4241,
0.2876

 1.9164, 0.6166,
0.2074

 66.0895, 0.4132,
0.2919

 0.5582, 0.7570,
0.1565

 87.7179, 0.4042,
0.2953

 0.0000, 1.0000,
0.0000

 113.6148, 0.3967,
0.2982

 0.0000, 0.0000,
0.0000

 144.1644, 0.3903,

0.3006

179.7512, 0.3848,
0.3027

■ 14.5718, 0.4773,
0.2665

■ 14.5718, 0.4773,
0.2665

■ 13.1824, 0.5093,
0.2691

■ 16.6923, 0.4456,
0.2687

■ 12.4044, 0.5393,
0.2766

■ 19.6280, 0.4161,
0.2746

■ 12.2270, 0.5480,
0.2792

■ 23.4538, 0.3900,
0.2830

■ 28.2357, 0.3676,
0.2927

■ 34.0331, 0.3488,
0.3028

■ 40.9006, 0.3332,
0.3129

■ 48.8891, 0.3203,
0.3226

■ 58.0459, 0.3098,
0.3316

■ 68.4158, 0.3012,
0.3401

Harmonies

Analogous

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



14.5718, 0.3478, 0.2056



14.5718, 0.4773, 0.2665



14.5718, 0.5500, 0.3387

Triad

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



14.5718, 0.4773, 0.2665



14.5718, 0.3520, 0.5657



14.5718, 0.1227, 0.1792

Complementary

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



14.5718, 0.4773, 0.2665



41.8945, 0.2586, 0.4251

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.



14.5718, 0.1221, 0.2468



14.5718, 0.4773, 0.2665



14.5718, 0.2438, 0.5238

Square

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



14.5718, 0.4773, 0.2665



14.5718, 0.4567, 0.5048



14.5718, 0.1603, 0.3770



14.5718, 0.1569, 0.1573

Rectangle

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



14.5718, 0.4773, 0.2665



14.5718, 0.5483, 0.3907



14.5718, 0.1603, 0.3770



14.5718, 0.1188, 0.1956

Sweetspot

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



14.5726, 0.4773, 0.2665



65.9853, 0.3427, 0.3065



11.2784, 0.2490, 0.1312



13.1957, 0.3488, 0.3028



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.



14.5726, 0.4773, 0.2665



22.8773, 0.5289, 0.2734



15.4396, 0.5606, 0.3463



10.1394, 0.3231, 0.3203



7.8737, 0.5443, 0.2772



0.3536, 0.4835, 0.2437

Inverse Universe

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



14.5726, 0.4773, 0.2665



22.8773, 0.5289, 0.2734



36.5322, 0.2227, 0.3009



10.1394, 0.3231, 0.3203



7.8737, 0.5443, 0.2772



0.3536, 0.4835, 0.2437

Previews

White Background



This preview shows how the Yxy color 14.5718, 0.4773, 0.2665 looks on a white background.

Color Contrast Check

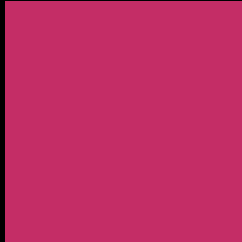
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 14.5718, 0.4773, 0.2665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

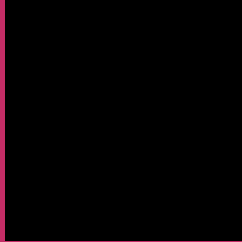
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5718, 0.4773, 0.2665

Background



This preview shows how black text looks on a background with the Yxy color 14.5718, 0.4773, 0.2665.



This preview shows how white text looks on a background with the Yxy color 14.5718, 0.4773, 0.2665.

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

14.5718, 0.4773, 0.2665

Protanopia

14.8235, 0.2690, 0.2671

Deuteranopia

14.8644, 0.3514, 0.3472



Tritanopia

14.6134, 0.5466, 0.3267

Trichromacy



Original Color

14.5718, 0.4773, 0.2665

Protanomaly

12.9468, 0.3331, 0.2567

Deuteranomaly

13.4579, 0.3987, 0.3033

Tritanomaly

14.5661, 0.5240, 0.3052

Monochromacy



Original Color

14.5718, 0.4773, 0.2665

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.3362, 0.3737, 0.2891

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5718, 0.4773, 0.2665 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(196, 45, 102)` looks like.

```
.text, #text, p{  
    color:rgb(196, 45, 102)  
}
```

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(196, 45, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 45, 102) }
```

Border

The CSS property to change the border of an element to Yxy 14.5718, 0.4773, 0.2665 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(196, 45, 102) }
```

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

```
.border{ border-color:rgb(196, 45, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 45, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 45, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 45, 102);  
box-shadow:4px 4px 4px 4px rgb(196, 45,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5718, 0.4773, 0.2665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 45, 102) }
```

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

```
.background{ background-color: rgb(196, 45,  
102) }
```

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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