

Converting Colors

$Y_{xy}(17.1045, 0.5072, 0.2814)$

Have a look what the booklet for
Yxy(17.1045, 0.5072, 0.2814)
contains.

Yxy(17.0947, 0.5081, 0.2818)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.0947, 0.5081, 0.2818)

Conversions

Conversions Part 1

Format	Color
Hex	D62E60
RGB	214, 46, 96
RGB Percent	84%, 18%, 38%
CMY	0.1607, 0.8196, 0.6235
CMYK	0.00, 0.79, 0.55, 0.16
HSL	342°, 67%, 51%
HSV	342°, 79%, 84%
XYZ	30.8226, 17.0947, 12.7452
YIQ	101.9320, 84.0780, 51.1660

Conversions

Conversions Part 2

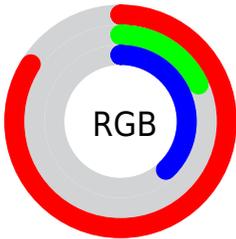
Format	Color
RYB	214, 46, 96
Decimal	14036576
CIELab	48.38, 66.02, 13.16
CIElCh	48, 67.319, 11.277
Yxy	17.0947, 0.5081, 0.2818
Android (android.graphics.Color)	4292226656 (0xFFD62E60)
YUV	101.9320, -2.9245, 98.2836
Hunter-Lab	41.3457, 60.7140, 10.6653

Details

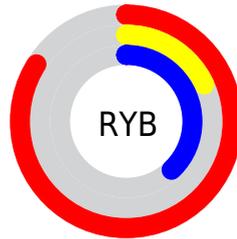
The Yxy color **17.0947, 0.5081, 0.2818** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **51.3584, 0.2518, 0.4057**, and the grayscale version is **13.2592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0604, 0.4431, 0.2914**, and **7.0026, 0.5629, 0.2874** is the 20% darker color. If you saturate the color by 10%, you get **15.5693, 0.5438, 0.2864**, and if you desaturate by 10%, it is **19.5074, 0.4713, 0.2817**.

Distribution



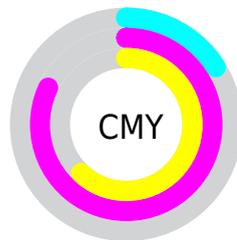
- Red (84%)
- Green (18%)
- Blue (38%)



- Red (84%)
- Yellow (18%)
- Blue (38%)



- Cyan (0%)
- Magenta (79%)
- Yellow (55%)
- Black (16%)



- Cyan (16%)
- Magenta (82%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.0947, 0.5081, 0.2818 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 17.0947, 0.5081, 0.2818 by changing the saturation by 10% instead.

 17.0947, 0.5081,
0.2818

 17.0947, 0.5081,
0.2818

235.7175, 0.3948,
0.3127

 10.3020, 0.5419,
0.2708

 38.4885, 0.4629,
0.2953

 5.5997, 0.5884,
0.2544

 53.8585, 0.4471,
0.2996

 2.6032, 0.6549,
0.2281

 72.8563, 0.4343,
0.3030

 0.9283, 0.7891,
0.1923

 95.8664, 0.4237,
0.3057

 0.0000, 1.0000,
0.0000

 123.2732, 0.4147,
0.3080

 0.0000, 0.0000,
0.0000

155.4610, 0.4071,

0.3098

192.8144, 0.4005,
0.3114

■ 17.0947, 0.5081,
0.2818

■ 17.0947, 0.5081,
0.2818

■ 15.5693, 0.5438,
0.2864

■ 19.5074, 0.4713,
0.2817

■ 14.7597, 0.5751,
0.2952

■ 22.9162, 0.4365,
0.2853

■ 14.6645, 0.5795,
0.2966

■ 27.4175, 0.4054,
0.2914

■ 33.0953, 0.3788,
0.2989

■ 40.0252, 0.3565,
0.3069

 48.2766, 0.3382,
0.3150

 57.9137, 0.3232,
0.3228

 68.9966, 0.3111,
0.3301

 81.5817, 0.3011,
0.3368

Harmonies

Analogous

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



17.0947, 0.3823, 0.2163



17.0947, 0.5081, 0.2818



17.0947, 0.5598, 0.3564

Triad

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



17.0947, 0.5081, 0.2818



17.0947, 0.3239, 0.5751



17.0947, 0.1243, 0.1668

Complementary

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



17.0947, 0.5081, 0.2818



51.3584, 0.2518, 0.4057

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.



17.0947, 0.1153, 0.2218



17.0947, 0.5081, 0.2818



17.0947, 0.2168, 0.4993

Square

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



17.0947, 0.5081, 0.2818



17.0947, 0.4338, 0.5280



17.0947, 0.1429, 0.3396



17.0947, 0.1678, 0.1536

Rectangle

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



17.0947, 0.5081, 0.2818



17.0947, 0.5434, 0.4107



17.0947, 0.1429, 0.3396



17.0947, 0.1177, 0.1796

Sweetspot

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



17.0957, 0.5081, 0.2818



64.5092, 0.3482, 0.3104



14.6593, 0.2625, 0.1358



12.9018, 0.3552, 0.3075



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.



17.0957, 0.5081, 0.2818



22.2929, 0.5645, 0.2918



20.1729, 0.5540, 0.3597



12.4811, 0.3245, 0.3221



8.8789, 0.5756, 0.2945



0.5500, 0.5258, 0.2670

Inverse Universe

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



17.0957, 0.5081, 0.2818



22.2929, 0.5645, 0.2918



38.2428, 0.2160, 0.2784



12.4811, 0.3245, 0.3221



8.8789, 0.5756, 0.2945



0.5500, 0.5258, 0.2670

Previews

White Background



This preview shows how the Yxy color 17.0947, 0.5081, 0.2818 looks on a white background.

Color Contrast Check

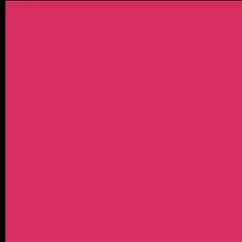
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0947, 0.5081, 0.2818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

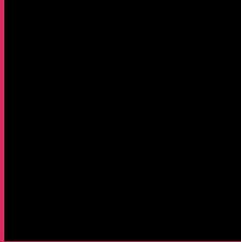
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0947, 0.5081, 0.2818

Background



This preview shows how black text looks on a background with the Yxy color 17.0947, 0.5081, 0.2818.



This preview shows how white text looks on a background with the Yxy color 17.0947, 0.5081, 0.2818.

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

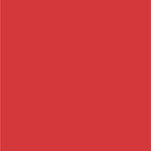
17.0947, 0.5081, 0.2818

Protanopia

17.3839, 0.2929, 0.3001

Deuteranopia

17.3077, 0.3781, 0.3718



Tritanopia

17.1309, 0.5616, 0.3280

Trichromacy



Original Color

17.0947, 0.5081, 0.2818

Protanomaly

15.1044, 0.3636, 0.2816

Deuteranomaly

15.4642, 0.4305, 0.3231

Tritanomaly

17.0700, 0.5449, 0.3117

Monochromacy



Original Color

17.0947, 0.5081, 0.2818

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

12.7943, 0.3863, 0.2969

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0947, 0.5081, 0.2818 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(214, 46, 96)` looks like.

```
.text, #text, p{  
  color:rgb(214, 46, 96)  
}
```

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(214, 46, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 46, 96) }
```

Border

The CSS property to change the border of an element to Yxy 17.0947, 0.5081, 0.2818 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(214, 46, 96) }
```

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

```
.border{ border-color:rgb(214, 46, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 46, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 46, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 46, 96);  
box-shadow:4px 4px 4px 4px rgb(214, 46,  
96) }
```

Background

The CSS property to change the background color of an element to Yxy 17.0947, 0.5081, 0.2818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 46, 96) }
```

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

```
.background{ background-color: rgb(214, 46,  
96) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor