

Converting Colors

$Y_{xy}(17.1672, 0.5166, 0.2768)$

Have a look what the booklet for
Yxy(17.1672, 0.5166, 0.2768)
contains.

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Color

Yxy(17.1252, 0.5155, 0.2761)

Conversions

Conversions Part 1

Format	Color
Hex	DB2361
RGB	219, 35, 97
RGB Percent	86%, 14%, 38%
CMY	0.1411, 0.8628, 0.6197
CMYK	0.00, 0.84, 0.56, 0.14
HSL	340°, 72%, 50%
HSV	340°, 84%, 86%
XYZ	31.9741, 17.1252, 12.9261
YIQ	97.0840, 89.7620, 58.2900

Conversions

Conversions Part 2

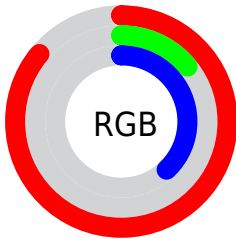
Format	Color
RYB	219, 35, 97
Decimal	14361441
CIELab	48.42, 70.08, 12.77
CIElCh	48, 71.234, 10.327
Yxy	17.1252, 0.5155, 0.2761
Android (android.graphics.Color)	4292551521 (0xFFDB2361)
YUV	97.0840, -0.0414, 106.9203
Hunter-Lab	41.3826, 65.4976, 10.4483

Details

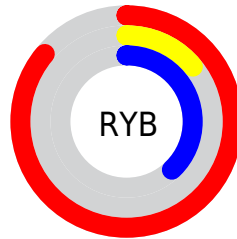
The Yxy color **17.1252, 0.5155, 0.2761** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **53.4608, 0.2547, 0.4239**, and the grayscale version is **11.9585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.8693, 0.4443, 0.2849**, and **7.4071, 0.5641, 0.2881** is the 20% darker color. If you saturate the color by 10%, you get **15.9682, 0.5479, 0.2831**, and if you desaturate by 10%, it is **19.1365, 0.4808, 0.2741**.

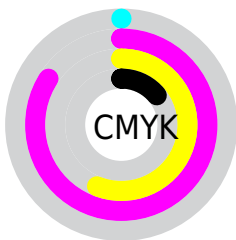
Distribution



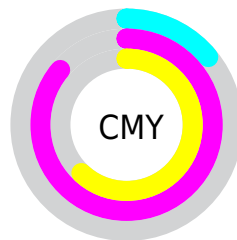
- Red (86%)
- Green (14%)
- Blue (38%)



- Red (86%)
- Yellow (14%)
- Blue (38%)



- Cyan (0%)
- Magenta (84%)
- Yellow (56%)
- Black (14%)





- Cyan (14%)
- Magenta (86%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1252, 0.5155, 0.2761 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 17.1252, 0.5155, 0.2761 by changing the saturation by 10% instead.


 17.1252, 0.5155,
0.2761


 17.1252, 0.5155,
0.2761


235.8928, 0.3982,
0.3103


 10.3238, 0.5502,
0.2642


 38.5409, 0.4688,
0.2908


 5.6142, 0.5978,
0.2467

 53.9240, 0.4525,
0.2956

 2.6119, 0.6653,
0.2193

 72.9365, 0.4392,
0.2994

 0.9327, 0.7953,
0.1810

 95.9627, 0.4282,
0.3024

 0.0000, 1.0000,
0.0000

 123.3870, 0.4189,
0.3049

 0.0000, 0.0000,
0.0000

 155.5939, 0.4110,

0.3070

192.9677, 0.4042,
0.3088

■ 17.1252, 0.5155,
0.2761

■ 17.1252, 0.5155,
0.2761

■ 15.9682, 0.5479,
0.2831

■ 19.1365, 0.4808,
0.2741

■ 15.5532, 0.5655,
0.2889


■ 22.1314, 0.4469,
0.2765

■ 26.2202, 0.4157,
0.2823

■ 31.4972, 0.3884,
0.2901

■ 38.0469, 0.3653,
0.2990

 45.9457, 0.3460,
0.3082

 55.2640, 0.3302,
0.3172

 66.0675, 0.3172,
0.3257

 78.4174, 0.3067,
0.3337

Harmonies

Analogous

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



17.1252, 0.3808, 0.2094



17.1252, 0.5155, 0.2761



17.1252, 0.5715, 0.3518

Triad

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



17.1252, 0.5155, 0.2761



17.1252, 0.3249, 0.5894



17.1252, 0.1166, 0.1608

Complementary

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



17.1252, 0.5155, 0.2761



53.4608, 0.2547, 0.4239

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.



17.1252, 0.1080, 0.2183



17.1252, 0.5155, 0.2761



17.1252, 0.2138, 0.5156

Square

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



17.1252, 0.5155, 0.2761



17.1252, 0.4390, 0.5319



17.1252, 0.1366, 0.3441



17.1252, 0.1597, 0.1468

Rectangle

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



17.1252, 0.5155, 0.2761



17.1252, 0.5542, 0.4073



17.1252, 0.1366, 0.3441



17.1252, 0.1101, 0.1741

Sweetspot

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



17.1262, 0.5155, 0.2761



63.4210, 0.3481, 0.3071



13.2462, 0.2479, 0.1224



12.6990, 0.3547, 0.3038



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.



17.1262, 0.5155, 0.2761



21.9304, 0.5677, 0.2901



18.6935, 0.5844, 0.3493



13.1235, 0.3239, 0.3211



9.2396, 0.5616, 0.2867



0.6143, 0.5156, 0.2614

Inverse Universe

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



17.1262, 0.5155, 0.2761



21.9304, 0.5677, 0.2901



42.9121, 0.2165, 0.2885



13.1235, 0.3239, 0.3211



9.2396, 0.5616, 0.2867



0.6143, 0.5156, 0.2614

Previews

White Background



This preview shows how the Yxy color 17.1252, 0.5155, 0.2761 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 17.1252, 0.5155, 0.2761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

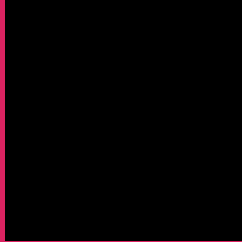
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1252, 0.5155, 0.2761

Background



This preview shows how black text looks on a background with the Yxy color 17.1252, 0.5155, 0.2761.



This preview shows how white text looks on a background with the Yxy color 17.1252, 0.5155, 0.2761.

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

17.1252, 0.5155, 0.2761

Protanopia

17.4838, 0.2852, 0.2890

Deuteranopia

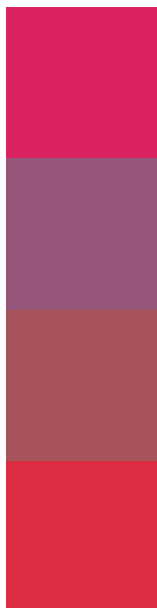
17.3077, 0.3781, 0.3718



Tritanopia

17.1786, 0.5802, 0.3291

Trichromacy



Original Color

17.1252, 0.5155, 0.2761

Protanomaly

14.6400, 0.3600, 0.2689

Deuteranomaly

15.0488, 0.4362, 0.3170

Tritanomaly

17.1120, 0.5612, 0.3115

Monochromacy



Original Color

17.1252, 0.5155, 0.2761

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.4233, 0.3927, 0.2877

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1252, 0.5155, 0.2761 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, 35, 97)` looks like.

```
.text, #text, p{  
    color:rgb(219, 35, 97)  
}
```

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, 35, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 35, 97) }
```

Border

The CSS property to change the border of an element to Yxy 17.1252, 0.5155, 0.2761 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, 35, 97) }
```

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

```
.border{ border-color:rgb(219, 35, 97) }
```

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

Here you see how a box with a 4 pixel rgb(219, 35, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 35, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 35, 97);  
box-shadow:4px 4px 4px 4px rgb(219, 35,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1252, 0.5155, 0.2761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 35, 97) }
```

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

```
.background{ background-color: rgb(219, 35,  
97) }
```

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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