

Converting Colors

$Yxy(17.4073, 0.5397, 0.2876)$

Have a look what the booklet for
Yxy(17.4073, 0.5397, 0.2876)
contains.

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Color

Yxy(17.3929, 0.5396, 0.2877)

Conversions

Conversions Part 1

Format	Color
Hex	DF2056
RGB	223, 32, 86
RGB Percent	87%, 13%, 34%
CMY	0.1256, 0.8741, 0.6628
CMYK	0.00, 0.86, 0.61, 0.13
HSL	343°, 75%, 50%
HSV	343°, 86%, 87%
XYZ	32.6215, 17.3929, 10.4406
YIQ	95.2650, 96.5020, 57.2860

Conversions

Conversions Part 2

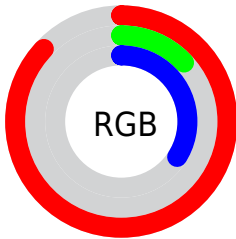
Format	Color
RYB	223, 32, 86
Decimal	14622806
CIELab	48.75, 70.97, 20.10
CIElCh	49, 73.763, 15.812
Yxy	17.3929, 0.5396, 0.2877
Android (android.graphics.Color)	4292812886 (0xFFDF2056)
YUV	95.2650, -4.5676, 112.0236
Hunter-Lab	41.7048, 66.6394, 14.3504

Details

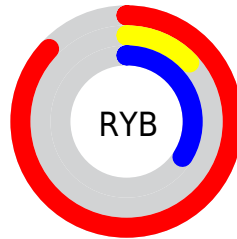
The Yxy color **17.3929, 0.5396, 0.2877** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **55.9374, 0.2499, 0.4093**, and the grayscale version is **11.5168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.3166, 0.4608, 0.2962**, and **7.6408, 0.5864, 0.3004** is the 20% darker color. If you saturate the color by 10%, you get **16.3387, 0.5725, 0.2957**, and if you desaturate by 10%, it is **19.3184, 0.5025, 0.2842**.

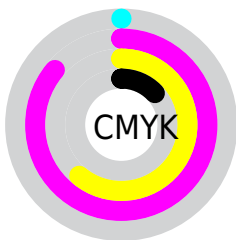
Distribution



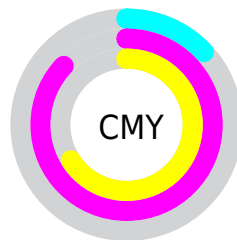
- Red (87%)
- Green (13%)
- Blue (34%)



- Red (87%)
- Yellow (13%)
- Blue (34%)



- Cyan (0%)
- Magenta (86%)
- Yellow (61%)
- Black (13%)





- Cyan (13%)
- Magenta (87%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3929, 0.5396, 0.2877 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 17.3929, 0.5396, 0.2877 by changing the saturation by 10% instead.


 17.3929, 0.5396,
0.2877


 17.3929, 0.5396,
0.2877


237.4265, 0.4089,
0.3176


 10.5150, 0.5774,
0.2760


 39.0001, 0.4880,
0.3014


 5.7417, 0.6281,
0.2582


 54.4982, 0.4698,
0.3057


 2.6887, 0.6978,
0.2293

 73.6384, 0.4550,
0.3089

 0.9715, 0.8144,
0.1856

 96.8053, 0.4426,
0.3115

 0.0000, 1.0000,
0.0000

 124.3831, 0.4322,
0.3135

 0.0000, 0.0000,
0.0000

 156.7564, 0.4233,

0.3151

194.3093, 0.4156,
0.3165

■ 17.3929, 0.5396,
0.2877

■ 17.3929, 0.5396,
0.2877

■ 16.3387, 0.5725,
0.2957

■ 19.3184, 0.5025,
0.2842

■ 16.0422, 0.5854,
0.2998

■ 22.2568, 0.4651,
0.2850

■ 26.3271, 0.4302,
0.2890

■ 31.6309, 0.3995,
0.2952

■ 38.2585, 0.3734,
0.3026

■ 46.2915, 0.3518,
0.3103

■ 55.8051, 0.3340,
0.3179

■ 66.8689, 0.3196,
0.3251

■ 79.5484, 0.3079,
0.3319

Harmonies

Analogous

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



17.3929, 0.4103, 0.2178



17.3929, 0.5396, 0.2877



17.3929, 0.5767, 0.3653

Triad

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



17.3929, 0.5396, 0.2877



17.3929, 0.3018, 0.5963



17.3929, 0.1181, 0.1519

Complementary

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



17.3929, 0.5396, 0.2877



55.9374, 0.2499, 0.4093

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.



17.3929, 0.1032, 0.1999



17.3929, 0.5396, 0.2877



17.3929, 0.1925, 0.4921

Square

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



17.3929, 0.5396, 0.2877



17.3929, 0.4192, 0.5518



17.3929, 0.1238, 0.3141



17.3929, 0.1688, 0.1442

Rectangle

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



17.3929, 0.5396, 0.2877



17.3929, 0.5478, 0.4233



17.3929, 0.1238, 0.3141



17.3929, 0.1095, 0.1624

Sweetspot

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



17.3940, 0.5396, 0.2877



62.0518, 0.3529, 0.3098



14.7878, 0.2601, 0.1275



12.4293, 0.3601, 0.3071



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.



17.3940, 0.5396, 0.2877



21.7279, 0.5872, 0.3008



20.6138, 0.5774, 0.3596



13.7638, 0.3248, 0.3224



9.4518, 0.5815, 0.2977



0.6702, 0.5373, 0.2734

Inverse Universe

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



17.3940, 0.5396, 0.2877



21.7279, 0.5872, 0.3008



38.9344, 0.2105, 0.2682



13.7638, 0.3248, 0.3224



9.4518, 0.5815, 0.2977



0.6702, 0.5373, 0.2734

Previews

White Background



This preview shows how the Yxy color 17.3929, 0.5396, 0.2877 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 17.3929, 0.5396, 0.2877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

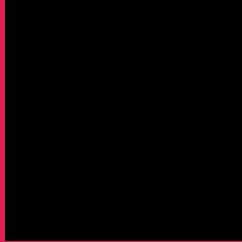
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3929, 0.5396, 0.2877

Background



This preview shows how black text looks on a background with the Yxy color 17.3929, 0.5396, 0.2877.



This preview shows how white text looks on a background with the Yxy color 17.3929, 0.5396, 0.2877.

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

17.3929, 0.5396, 0.2877

Protanopia

17.6778, 0.3069, 0.3174

Deuteranopia

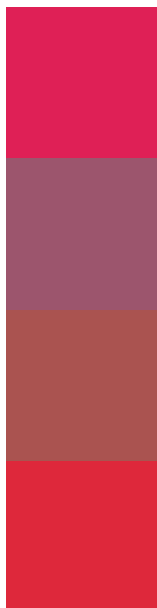
17.6996, 0.3976, 0.3921



Tritanopia

17.3554, 0.5924, 0.3298

Trichromacy



Original Color

17.3929, 0.5396, 0.2877

Protanomaly

14.6690, 0.3893, 0.2896

Deuteranomaly

15.3117, 0.4605, 0.3339

Tritanomaly

17.3629, 0.5774, 0.3165

Monochromacy



Original Color

17.3929, 0.5396, 0.2877

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.1582, 0.4051, 0.2934

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3929, 0.5396, 0.2877 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(223, 32, 86)` looks like.

```
.text, #text, p{  
    color:rgb(223, 32, 86)  
}
```

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(223, 32, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 32, 86) }
```

Border

The CSS property to change the border of an element to Yxy 17.3929, 0.5396, 0.2877 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(223, 32, 86) }
```

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

```
.border{ border-color:rgb(223, 32, 86) }
```

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

Here you see how a box with a 4 pixel rgb(223, 32, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 32, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 32, 86);  
box-shadow:4px 4px 4px 4px rgb(223, 32,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3929, 0.5396, 0.2877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 32, 86) }
```

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

```
.background{ background-color: rgb(223, 32,  
86) }
```

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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