

Converting Colors

$Y_{xy}(20.0157, 0.5221, 0.2856)$

Have a look what the booklet for
Yxy(20.0157, 0.5221, 0.2856)
contains.

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Color

Yxy(19.9144, 0.5217, 0.2852)

Conversions

Conversions Part 1

Format	Color
Hex	E82D62
RGB	232, 45, 98
RGB Percent	91%, 18%, 38%
CMY	0.0901, 0.8237, 0.6156
CMYK	0.00, 0.81, 0.58, 0.09
HSL	343°, 80%, 54%
HSV	343°, 81%, 91%
XYZ	36.4283, 19.9144, 13.4834
YIQ	106.9550, 94.4390, 56.1270

Conversions

Conversions Part 2

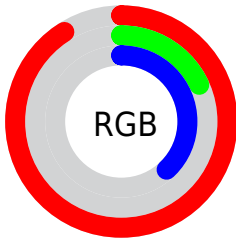
Format	Color
R_{YB}	232, 45, 98
Decimal	15215970
CIE _{Lab}	51.74, 71.21, 17.11
CIE _{LCh}	52, 73.234, 13.508
Yxy	19.9144, 0.5217, 0.2852
Android (android.graphics.Color)	4293406050 (0xFFE82D62)
YUV	106.9550, -4.4148, 109.6645
Hunter-Lab	44.6256, 67.6166, 13.3237

Details

The Yxy color **19.9144, 0.5217, 0.2852** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **61.5370, 0.2503, 0.4045**, and the grayscale version is **14.6778, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5500, 0.4396, 0.2912**, and **8.6829, 0.5719, 0.2924** is the 20% darker color. If you saturate the color by 10%, you get **18.3244, 0.5571, 0.2911**, and if you desaturate by 10%, it is **22.5430, 0.4840, 0.2839**.

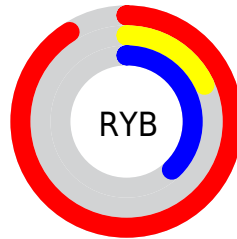
Distribution



Red (91%)

Green (18%)

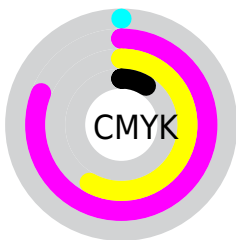
Blue (38%)



Red (91%)

Yellow (18%)

Blue (38%)

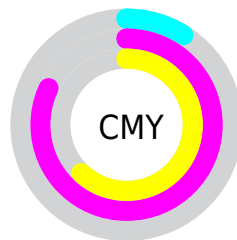


Cyan (0%)

Magenta (81%)

Yellow (58%)

Black (9%)



Cyan (9%)

Magenta (82%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.9144, 0.5217, 0.2852 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 19.9144, 0.5217, 0.2852 by changing the saturation by 10% instead.


 19.9144, 0.5217,
0.2852


 19.9144, 0.5217,
0.2852

251.4513, 0.4033,
0.3147


 12.3328, 0.5554,
0.2747


 43.2736, 0.4754,
0.2981


 6.9708, 0.6006,
0.2591


 59.8201, 0.4590,
0.3023


 3.4438, 0.6630,
0.2347

 80.1236, 0.4455,
0.3055

 1.3676, 0.7689,
0.1992

 104.5686, 0.4342,
0.3081

 0.1927, 0.9271,
0.0729

 133.5395, 0.4247,
0.3102

 0.0000, 1.0000,
0.0000

167.4207, 0.4165,

 0.0000, 0.0000,

0.3120

0.0000

206.5965, 0.4095,
0.3135

■ 19.9144, 0.5217,
0.2852

■ 19.9144, 0.5217,
0.2852

■ 18.3244, 0.5571,
0.2911

■ 22.5430, 0.4840,
0.2839


■ 17.5510, 0.5855,
0.2999


■ 26.3500, 0.4475,
0.2864


■ 31.4567, 0.4145,
0.2917


■ 37.9687, 0.3860,
0.2986

■ 45.9804, 0.3622,
0.3062

 55.5780, 0.3425,
0.3140

 66.8411, 0.3265,
0.3215

 79.8441, 0.3134,
0.3286

 94.6568, 0.3029,
0.3351

Harmonies

Analogous

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



19.9144, 0.3949, 0.2177



19.9144, 0.5217, 0.2852



19.9144, 0.5667, 0.3611

Triad

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



19.9144, 0.5217, 0.2852



19.9144, 0.3139, 0.5832



19.9144, 0.1222, 0.1605

Complementary

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



19.9144, 0.5217, 0.2852



61.5370, 0.2503, 0.4045

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.



19.9144, 0.1104, 0.2121



19.9144, 0.5217, 0.2852



19.9144, 0.2060, 0.4948

Square

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



19.9144, 0.5217, 0.2852



19.9144, 0.4269, 0.5383



19.9144, 0.1346, 0.3277



19.9144, 0.1691, 0.1499

Rectangle

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



19.9144, 0.5217, 0.2852



19.9144, 0.5447, 0.4169



19.9144, 0.1346, 0.3277



19.9144, 0.1146, 0.1721

Sweetspot

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



19.9156, 0.5217, 0.2852



64.4657, 0.3489, 0.3113



16.9201, 0.2605, 0.1320



12.8916, 0.3560, 0.3085



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.



19.9156, 0.5217, 0.2852



21.9734, 0.5783, 0.2976



23.4397, 0.5636, 0.3589



14.4349, 0.3248, 0.3224



9.7600, 0.5814, 0.2976



0.7368, 0.5397, 0.2747

Inverse Universe

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



19.9156, 0.5217, 0.2852



21.9734, 0.5783, 0.2976



45.2406, 0.2145, 0.2766



14.4349, 0.3248, 0.3224



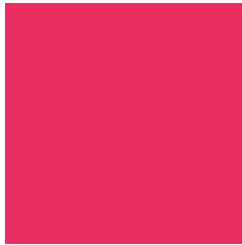
9.7600, 0.5814, 0.2976



0.7368, 0.5397, 0.2747

Previews

White Background



This preview shows how the Yxy color 19.9144, 0.5217, 0.2852 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 19.9144, 0.5217, 0.2852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

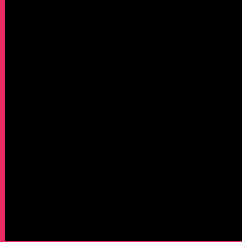
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.9144, 0.5217, 0.2852

Background



This preview shows how black text looks on a background with the Yxy color 19.9144, 0.5217, 0.2852.



This preview shows how white text looks on a background with the Yxy color 19.9144, 0.5217, 0.2852.

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

19.9144, 0.5217, 0.2852

Protanopia

20.1261, 0.2995, 0.3072

Deuteranopia

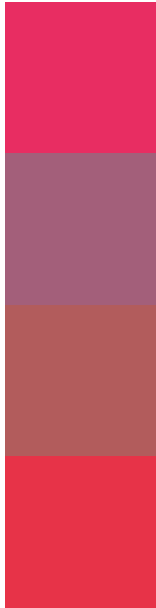
20.1180, 0.3869, 0.3810



Tritanopia

19.8508, 0.5746, 0.3283

Trichromacy



Original Color

19.9144, 0.5217, 0.2852

Protanomaly

17.3761, 0.3744, 0.2865

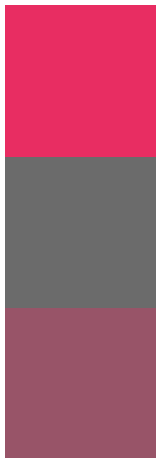
Deuteranomaly

17.8920, 0.4440, 0.3294

Tritanomaly

19.8245, 0.5584, 0.3135

Monochromacy



Original Color

19.9144, 0.5217, 0.2852

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.0155, 0.3923, 0.2953

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9144, 0.5217, 0.2852 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(232, 45, 98)` looks like.

```
.text, #text, p{  
    color:rgb(232, 45, 98)  
}
```

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(232, 45, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 45, 98) }
```

Border

The CSS property to change the border of an element to Yxy 19.9144, 0.5217, 0.2852 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(232, 45, 98) }
```

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

```
.border{ border-color:rgb(232, 45, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 45, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 45, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 45, 98);  
box-shadow:4px 4px 4px 4px rgb(232, 45,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9144, 0.5217, 0.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 45, 98) }
```

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

```
.background{ background-color: rgb(232, 45,  
98) }
```

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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