

Converting Colors

$Y_{xy}(25.4943, 0.3514, 0.1862)$

Have a look what the booklet for
Yxy(25.4943, 0.3514, 0.1862)
contains.

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Color

Yxy(25.5627, 0.3518, 0.1863)

Conversions

Conversions Part 1

Format	Color
Hex	EE37D2
RGB	238, 55, 210
RGB Percent	93%, 22%, 82%
CMY	0.0665, 0.7846, 0.1764
CMYK	0.00, 0.77, 0.12, 0.07
HSL	309°, 84%, 57%
HSV	309°, 77%, 93%
XYZ	48.2714, 25.5627, 63.3785
YIQ	127.3870, 59.3130, 87.0010

Conversions

Conversions Part 2

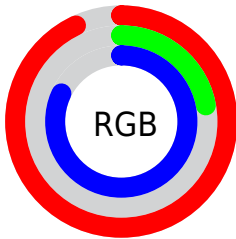
Format	Color
R _{YB}	238, 55, 210
Decimal	15611858
CIE _{Lab}	57.62, 81.60, -40.06
CIE _{LCh}	58, 90.899, 333.851
Yxy	25.5627, 0.3518, 0.1863
Android (android.graphics.Color)	4293801938 (0xFFEE37D2)
YUV	127.3870, 40.7282, 97.0076
Hunter-Lab	50.5596, 81.9423, -38.9307

Details

The Yxy color **25.5627, 0.3518, 0.1863** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **62.6068, 0.2937, 0.5453**, and the grayscale version is **21.1946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.1547, 0.3186, 0.2031**, and **11.8315, 0.3564, 0.1737** is the 20% darker color. If you saturate the color by 10%, you get **23.6455, 0.3575, 0.1801**, and if you desaturate by 10%, it is **28.5754, 0.3459, 0.1971**.

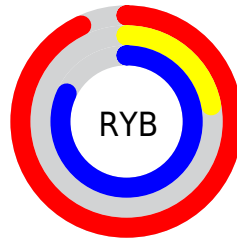
Distribution



Red (93%)

Green (22%)

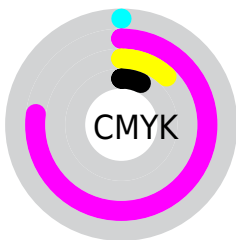
Blue (82%)



Red (93%)

Yellow (22%)

Blue (82%)

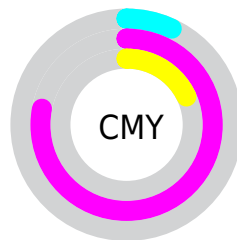


Cyan (0%)

Magenta (77%)

Yellow (12%)

Black (7%)



Cyan (7%)


Magenta (78%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5627, 0.3518, 0.1863 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 25.5627, 0.3518, 0.1863 by changing the saturation by 10% instead.


 25.5627, 0.3518,
0.1863


 25.5627, 0.3518,
0.1863


280.6287, 0.3349,
0.2537


 16.4968, 0.3551,
0.1710


 52.5686, 0.3463,
0.2097

 9.8764, 0.3589,
0.1524


 71.2774, 0.3440,
0.2188

 5.3171, 0.3629,
0.1295


 93.9693, 0.3421,
0.2267

 2.4345, 0.3668,
0.1011

 121.0287, 0.3403,
0.2335

 0.8435, 0.3691,
0.0664

 152.8399, 0.3387,
0.2395

 0.0000, 0.3755,
0.0000

189.7874, 0.3373,

 0.0000, 0.3378,

0.2448


0.0000


232.2555, 0.3360,
0.2495


 0.0000, 0.0000,
0.0000


 25.5627, 0.3518,
0.1863


 25.5627, 0.3518,
0.1863


 23.6455, 0.3575,
0.1801


 28.5754, 0.3459,
0.1971


 22.6426, 0.3629,
0.1783


 32.8181, 0.3399,
0.2119


 22.4306, 0.3646,
0.1782

 38.4104, 0.3341,
0.2299


 45.4564, 0.3287,
0.2501

 54.0501, 0.3236,
0.2715

 64.2776, 0.3191,
0.2932

 76.2187, 0.3152,
0.3146

 89.9478, 0.3117,
0.3352

 96.1634, 0.3092,
0.3411

Harmonies

Analogous

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



25.5627, 0.2148, 0.1450



25.5627, 0.3518, 0.1863



25.5627, 0.5103, 0.2525

Triad

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



25.5627, 0.3518, 0.1863



25.5627, 0.4669, 0.5207



25.5627, 0.0956, 0.2272

Complementary

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



25.5627, 0.3518, 0.1863



62.6068, 0.2937, 0.5453

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.



25.5627, 0.1332, 0.3846



25.5627, 0.3518, 0.1863



25.5627, 0.3447, 0.6110

Square

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



25.5627, 0.3518, 0.1863



25.5627, 0.5640, 0.4154



25.5627, 0.2241, 0.5751



25.5627, 0.0981, 0.1548

Rectangle

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



25.5627, 0.3518, 0.1863



25.5627, 0.5788, 0.3030



25.5627, 0.2241, 0.5751



25.5627, 0.1028, 0.2690

Sweetspot

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



25.5640, 0.3518, 0.1863



67.5534, 0.3219, 0.2798



10.7123, 0.1799, 0.0948



13.5763, 0.3235, 0.2719



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.



25.5640, 0.3518, 0.1863



26.8946, 0.3605, 0.1786



22.2419, 0.4883, 0.2717



15.9874, 0.3161, 0.3092



12.5247, 0.3638, 0.1778



1.0531, 0.3572, 0.1742

Inverse Universe

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



25.5640, 0.3518, 0.1863



26.8946, 0.3605, 0.1786



65.0372, 0.2562, 0.4188



15.9874, 0.3161, 0.3092



12.5247, 0.3638, 0.1778



1.0531, 0.3572, 0.1742

Previews

White Background



This preview shows how the Yxy color 25.5627, 0.3518, 0.1863 looks on a white background.

Color Contrast Check

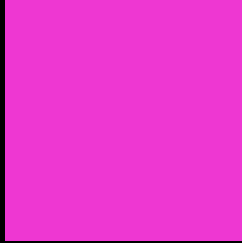
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5627, 0.3518, 0.1863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

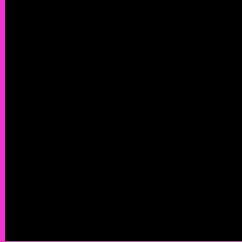
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5627, 0.3518, 0.1863

Background



This preview shows how black text looks on a background with the Yxy color 25.5627, 0.3518, 0.1863.



This preview shows how white text looks on a background with the Yxy color 25.5627, 0.3518, 0.1863.

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

25.5627, 0.3518, 0.1863

Protanopia

26.1257, 0.1934, 0.1697

Deuteranopia

25.7278, 0.2410, 0.2343



Tritanopia

25.2759, 0.4845, 0.3220

Trichromacy



Original Color

25.5627, 0.3518, 0.1863



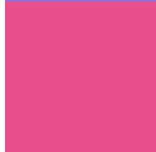
Protanomaly

21.7743, 0.2256, 0.1591



Deuteranomaly

22.3008, 0.2726, 0.1991



Tritanomaly

24.6493, 0.4364, 0.2648

Monochromacy



Original Color

25.5627, 0.3518, 0.1863



Achromatopsia

21.2231, 0.3127, 0.3290



Achromatomaly

19.9572, 0.3294, 0.2465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5627, 0.3518, 0.1863 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(238, 55, 210)` looks like.

```
.text, #text, p{  
    color:rgb(238, 55, 210)  
}
```

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(238, 55, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 55, 210) }
```

Border

The CSS property to change the border of an element to Yxy 25.5627, 0.3518, 0.1863 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(238, 55, 210) }
```

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

```
.border{ border-color:rgb(238, 55, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 55, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 55, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 55, 210);  
box-shadow:4px 4px 4px 4px rgb(238, 55,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5627, 0.3518, 0.1863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 55, 210) }
```

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

```
.background{ background-color: rgb(238, 55,  
210) }
```

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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