

Converting Colors

$Yxy(22.2747, 0.3827, 0.1924)$

Have a look what the booklet for
Yxy(22.2747, 0.3827, 0.1924)
contains.

Yxy(22.2456, 0.3831, 0.1927)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.2456, 0.3831, 0.1927)

Conversions

Conversions Part 1

Format	Color
Hex	ED18BB
RGB	237, 24, 187
RGB Percent	93%, 9%, 73%
CMY	0.0705, 0.9061, 0.2667
CMYK	0.00, 0.90, 0.21, 0.07
HSL	314°, 86%, 51%
HSV	314°, 90%, 93%
XYZ	44.2257, 22.2456, 48.9703
YIQ	106.2690, 74.6250, 95.8490

Conversions

Conversions Part 2

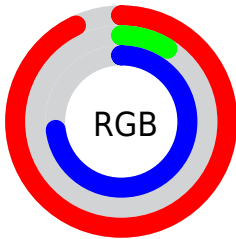
Format	Color
R_{YB}	237, 24, 187
Decimal	15538363
CIE _{Lab}	54.29, 84.49, -32.05
CIE _{LCh}	54, 90.365, 339.227
Yxy	22.2456, 0.3831, 0.1927
Android (android.graphics.Color)	4293728443 (0xFFED18BB)
YUV	106.2690, 39.8004, 114.6511
Hunter-Lab	47.1652, 84.8359, -28.5435

Details

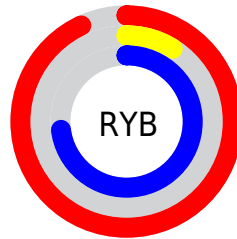
The Yxy color **22.2456, 0.3831, 0.1927** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **61.2688, 0.2906, 0.5581**, and the grayscale version is **14.3563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.6923, 0.3294, 0.1986**, and **10.9236, 0.3940, 0.1944** is the 20% darker color. If you saturate the color by 10%, you get **21.3672, 0.3921, 0.1934**, and if you desaturate by 10%, it is **23.9240, 0.3737, 0.1963**.

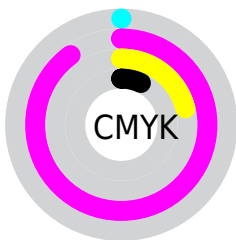
Distribution



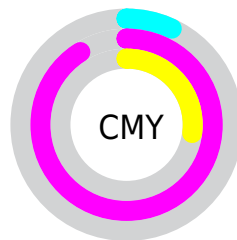
- Red (93%)
- Green (9%)
- Blue (73%)



- Red (93%)
- Yellow (9%)
- Blue (73%)



- Cyan (0%)
- Magenta (90%)
- Yellow (21%)
- Black (7%)




- Cyan (7%)
- Magenta (91%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.2456, 0.3831, 0.1927 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 22.2456, 0.3831, 0.1927 by changing the saturation by 10% instead.


 22.2456, 0.3831,
0.1927


 22.2456, 0.3831,
0.1927


263.8262, 0.3484,
0.2593


 14.0375, 0.3914,
0.1770


 47.1516, 0.3707,
0.2163

 8.1467, 0.4019,
0.1575


 64.6182, 0.3660,
0.2254

 4.1890, 0.4152,
0.1330


 85.9398, 0.3619,
0.2331

 1.7798, 0.4324,
0.1018

 111.5008, 0.3585,
0.2398

 0.4746, 0.4580,
0.0562

 141.6855, 0.3554,
0.2456

 0.0000, 0.4919,
0.0000

176.8784, 0.3528,

 0.0000, 0.5414,

0.2507

0.0000

217.4638, 0.3504,
0.2552

■ 0.0000, 0.0000,
0.0000

■ 22.2456, 0.3831,
0.1927

■ 22.2456, 0.3831,
0.1927

■ 21.3672, 0.3921,
0.1934

■ 23.9240, 0.3737,
0.1963

■ 21.3596, 0.3922,
0.1934

■ 26.6423, 0.3642,
0.2046

■ 30.5468, 0.3548,
0.2172

■ 35.7596, 0.3458,
0.2331

■ 42.3875, 0.3375,
0.2513

■ 50.5263, 0.3300,
0.2708

■ 60.2634, 0.3234,
0.2907

■ 71.6795, 0.3176,
0.3103

■ 84.8499, 0.3127,
0.3292

Harmonies

Analogous

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



22.2456, 0.2323, 0.1455



22.2456, 0.3831, 0.1927



22.2456, 0.5418, 0.2628

Triad

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



22.2456, 0.3831, 0.1927



22.2456, 0.4473, 0.5452



22.2456, 0.0882, 0.2040

Complementary

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



22.2456, 0.3831, 0.1927



61.2688, 0.2906, 0.5581

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.



22.2456, 0.1167, 0.3494



22.2456, 0.3831, 0.1927



22.2456, 0.3194, 0.6290

Square

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



22.2456, 0.3831, 0.1927



22.2456, 0.5554, 0.4322



22.2456, 0.1992, 0.5588



22.2456, 0.0970, 0.1428

Rectangle

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



22.2456, 0.3831, 0.1927



22.2456, 0.5978, 0.3142



22.2456, 0.1992, 0.5588



22.2456, 0.0927, 0.2411

Sweetspot

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



22.2468, 0.3831, 0.1927



62.6632, 0.3280, 0.2763



8.2093, 0.1715, 0.0765



12.6245, 0.3304, 0.2695



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.



22.2468, 0.3831, 0.1927



25.2057, 0.3926, 0.1936



19.2500, 0.5608, 0.2939



15.2498, 0.3174, 0.3111



11.6804, 0.3908, 0.1927



0.9318, 0.3791, 0.1862

Inverse Universe

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



22.2468, 0.3831, 0.1927



25.2057, 0.3926, 0.1936



64.0782, 0.2485, 0.4092



15.2498, 0.3174, 0.3111



11.6804, 0.3908, 0.1927



0.9318, 0.3791, 0.1862

Previews

White Background



This preview shows how the Yxy color 22.2456, 0.3831, 0.1927 looks on a white background.

Color Contrast Check

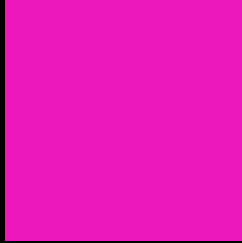
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.2456, 0.3831, 0.1927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

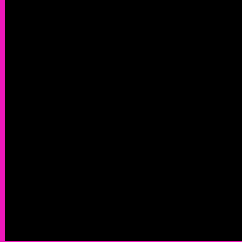
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.2456, 0.3831, 0.1927

Background



This preview shows how black text looks on a background with the Yxy color 22.2456, 0.3831, 0.1927.



This preview shows how white text looks on a background with the Yxy color 22.2456, 0.3831, 0.1927.

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

22.2456, 0.3831, 0.1927

Protanopia

22.8718, 0.1827, 0.1552

Deuteranopia

22.6472, 0.2579, 0.2533



Tritanopia

22.2421, 0.5278, 0.3259

Trichromacy



Original Color

22.2456, 0.3831, 0.1927



Protanomaly

16.7799, 0.2140, 0.1410



Deuteranomaly

18.3139, 0.2964, 0.2042



Tritanomaly

21.2471, 0.4805, 0.2705

Monochromacy



Original Color

22.2456, 0.3831, 0.1927



Achromatopsia

14.4128, 0.3127, 0.3290



Achromatomaly

13.7882, 0.3462, 0.2353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.2456, 0.3831, 0.1927 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(237, 24, 187)` looks like.

```
.text, #text, p{  
    color:rgb(237, 24, 187)  
}
```

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(237, 24, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 24, 187) }
```

Border

The CSS property to change the border of an element to Yxy 22.2456, 0.3831, 0.1927 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(237, 24, 187) }
```

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

```
.border{ border-color:rgb(237, 24, 187) }
```

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

Here you see how a box with a 4 pixel rgb(237, 24, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 24, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 24, 187);  
box-shadow:4px 4px 4px 4px rgb(237, 24,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 22.2456, 0.3831, 0.1927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 24, 187) }
```

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

```
.background{ background-color: rgb(237, 24,  
187) }
```

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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