

Converting Colors

Yxy(22.9148, 0.3289, 0.1603)

Have a look what the booklet for
Yxy(22.9148, 0.3289, 0.1603)
contains.

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Color

Yxy(22.9337, 0.3286, 0.1602)

Conversions

Conversions Part 1

Format	Color
Hex	E80FE1
RGB	232, 15, 225
RGB Percent	91%, 6%, 88%
CMY	0.0902, 0.9412, 0.1176
CMYK	0.00, 0.94, 0.03, 0.09
HSL	302°, 88%, 48%
HSV	302°, 94%, 91%
XYZ	47.0413, 22.9337, 73.1817
YIQ	103.8230, 61.9220, 111.3140

Conversions

Conversions Part 2

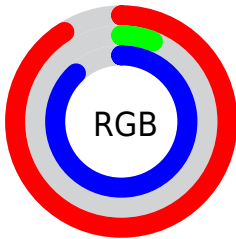
Format	Color
R_{YB}	232, 15, 225
Decimal	15208417
CIE _{Lab}	55.00, 89.45, -52.77
CIE _{LCh}	55, 103.857, 329.463
Yxy	22.9337, 0.3286, 0.1602
Android (android.graphics.Color)	4293398497 (0xFFE80FE1)
YUV	103.8230, 59.7403, 112.4112
Hunter-Lab	47.8891, 91.5337, -57.0815

Details

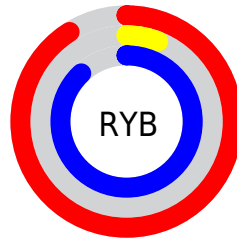
The Yxy color **22.9337, 0.3286, 0.1602** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **57.8761, 0.2996, 0.5938**, and the grayscale version is **13.6199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1805, 0.3192, 0.1900**, and **11.5225, 0.3238, 0.1558** is the 20% darker color. If you saturate the color by 10%, you get **22.5667, 0.3293, 0.1588**, and if you desaturate by 10%, it is **24.0333, 0.3274, 0.1651**.

Distribution



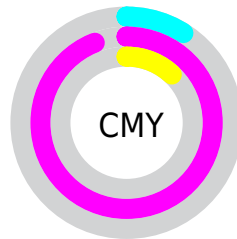
- Red (91%)
- Green (6%)
- Blue (88%)



- Red (91%)
- Yellow (6%)
- Blue (88%)



- Cyan (0%)
- Magenta (94%)
- Yellow (3%)
- Black (9%)





- Cyan (9%)
- Magenta (94%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9337, 0.3286, 0.1602 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 22.9337, 0.3286, 0.1602 by changing the saturation by 10% instead.


 22.9337, 0.3286,
0.1602


 22.9337, 0.3286,
0.1602


267.3843, 0.3254,
0.2379

 14.5446, 0.3280,
0.1434


 48.2844, 0.3285,
0.1866

 8.5004, 0.3265,
0.1233


 66.0148, 0.3281,
0.1971


 4.4168, 0.3232,
0.0995


 87.6278, 0.3277,
0.2062

 1.9093, 0.3166,
0.0716

 113.5076, 0.3272,
0.2141

 0.5540, 0.3041,
0.0380

 144.0388, 0.3268,
0.2212

 0.0000, 0.2796,
0.0000

179.6057, 0.3263,

 0.0000, 0.2156,

0.2274

0.0000

220.5927, 0.3258,
0.2329

■ 0.0000, 0.0000,
0.0000

■ 22.9337, 0.3286,
0.1602

■ 22.9337, 0.3286,
0.1602

■ 22.5667, 0.3293,
0.1588

■ 24.0333, 0.3274,
0.1651

■ 26.0559, 0.3260,
0.1742

■ 29.1513, 0.3244,
0.1876

■ 33.4419, 0.3226,
0.2050

■ 39.0337, 0.3207,
0.2255

■ 46.0207, 0.3187,
0.2483

■ 54.4886, 0.3168,
0.2723

■ 64.5161, 0.3150,
0.2967

■ 76.1761, 0.3133,
0.3207

Harmonies

Analogous

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



22.9337, 0.1834, 0.1215



22.9337, 0.3286, 0.1602



22.9337, 0.5192, 0.2273

Triad

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



22.9337, 0.3286, 0.1602



22.9337, 0.4897, 0.5103



22.9337, 0.0750, 0.2256

Complementary

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



22.9337, 0.3286, 0.1602



57.8761, 0.2996, 0.5938

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.



22.9337, 0.1173, 0.4279



22.9337, 0.3286, 0.1602



22.9337, 0.3516, 0.6398

Square

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



22.9337, 0.3286, 0.1602



22.9337, 0.6011, 0.3924



22.9337, 0.2191, 0.6504



22.9337, 0.0750, 0.1392

Rectangle

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



22.9337, 0.3286, 0.1602



22.9337, 0.6093, 0.2787



22.9337, 0.2191, 0.6504



22.9337, 0.0831, 0.2780

Sweetspot

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



22.9348, 0.3286, 0.1602



62.4475, 0.3177, 0.2611



6.3029, 0.1529, 0.0643



12.4234, 0.3185, 0.2508



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.



22.9348, 0.3286, 0.1602



27.9611, 0.3293, 0.1588



18.8518, 0.4904, 0.2510



14.6068, 0.3143, 0.3066



12.5312, 0.3291, 0.1587



0.9286, 0.3278, 0.1580

Inverse Universe

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



22.9348, 0.3286, 0.1602



27.9611, 0.3293, 0.1588



59.3536, 0.2694, 0.4861



14.6068, 0.3143, 0.3066



12.5312, 0.3291, 0.1587



0.9286, 0.3278, 0.1580

Previews

White Background



This preview shows how the Yxy color 22.9337, 0.3286, 0.1602 looks on a white background.

Color Contrast Check

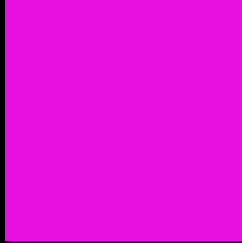
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9337, 0.3286, 0.1602 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 22.9337, 0.3286, 0.1602

Background



This preview shows how black text looks on a background with the Yxy color 22.9337, 0.3286, 0.1602.



This preview shows how white text looks on a background with the Yxy color 22.9337, 0.3286, 0.1602.

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

22.9337, 0.3286, 0.1602

Protanopia

23.7904, 0.1850, 0.1595

Deuteranopia

23.5548, 0.2136, 0.2079



Tritanopia

22.8764, 0.4877, 0.3229

Trichromacy



Original Color

22.9337, 0.3286, 0.1602



Protanomaly

17.5760, 0.2086, 0.1323



Deuteranomaly

17.8975, 0.2398, 0.1590



Tritanomaly

21.0862, 0.4315, 0.2457

Monochromacy



Original Color

22.9337, 0.3286, 0.1602



Achromatopsia

13.8432, 0.3127, 0.3290



Achromatomaly

13.3522, 0.3227, 0.2110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9337, 0.3286, 0.1602 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, 15, 225)` looks like.

```
.text, #text, p{  
    color:rgb(232, 15, 225)  
}
```

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, 15, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 15, 225) }
```

Border

The CSS property to change the border of an element to Yxy 22.9337, 0.3286, 0.1602 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, 15, 225) }
```

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

```
.border{ border-color:rgb(232, 15, 225) }
```

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

Here you see how a box with a 4 pixel rgb(232, 15, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 15, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 15, 225);  
box-shadow:4px 4px 4px 4px rgb(232, 15,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9337, 0.3286, 0.1602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 15, 225) }
```

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

```
.background{ background-color: rgb(232, 15,  
225) }
```

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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