

Converting Colors

$Y_{xy}(29.2673, 0.4845, 0.3225)$

Have a look what the booklet for
Yxy(29.2673, 0.4845, 0.3225)
contains.

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Color

Yxy(29.2673, 0.4845, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	F2656C
RGB	242, 101, 108
RGB Percent	95%, 40%, 42%
CMY	0.0511, 0.6038, 0.5765
CMYK	0.00, 0.58, 0.55, 0.05
HSL	357°, 84%, 67%
HSV	357°, 58%, 95%
XYZ	43.9690, 29.2673, 17.5150
YIQ	143.9570, 81.7890, 32.0690

Conversions

Conversions Part 2

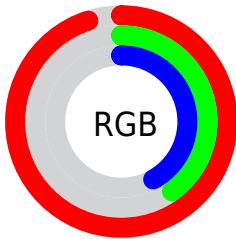
Format	Color
R _Y B	242, 101, 108
Decimal	15885676
CIE Lab	61.02, 54.73, 24.02
CIE LCh	61, 59.767, 23.693
Yxy	29.2673, 0.4845, 0.3225
Android (android.graphics.Color)	4294075756 (0xFFFF2656C)
YUV	143.9570, -17.7268, 85.9837
Hunter-Lab	54.0993, 50.4016, 18.6739

Details

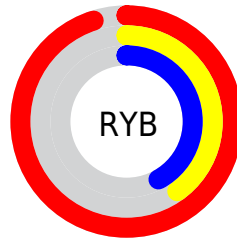
The Yxy color **29.2673, 0.4845, 0.3225** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **72.2519, 0.2433, 0.3373**, and the grayscale version is **27.9244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.5401, 0.4074, 0.3261**, and **11.8416, 0.5409, 0.3114** is the 20% darker color. If you saturate the color by 10%, you get **24.8127, 0.5315, 0.3226**, and if you desaturate by 10%, it is **35.2371, 0.4408, 0.3232**.

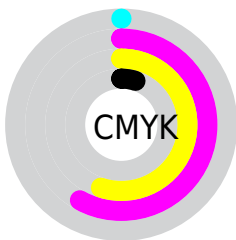
Distribution



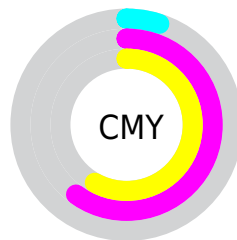
- Red (95%)
- Green (40%)
- Blue (42%)



- Red (95%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (58%)
- Yellow (55%)
- Black (5%)




- Cyan (5%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2673, 0.4845, 0.3225 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 29.2673, 0.4845, 0.3225 by changing the saturation by 10% instead.

 29.2673, 0.4845,
0.3225


 29.2673, 0.4845,
0.3225

298.4741, 0.3918,
0.3308

 19.2831, 0.5093,
0.3184


 58.5015, 0.4494,
0.3269


 11.8750, 0.5417,
0.3118


 78.5203, 0.4366,
0.3282

 6.6586, 0.5853,
0.3006


 102.6528, 0.4260,
0.3290

 3.2495, 0.6458,
0.2805

 131.2834, 0.4170,
0.3297

 1.2634, 0.7512,
0.2488

164.7964, 0.4093,
0.3301

 0.1126, 0.9342,
0.0658

203.5762, 0.4027,

 0.0000, 1.0000,

0.3304


0.0000


248.0073, 0.3969,
0.3307

 0.0000, 0.0000,
0.0000

 29.2673, 0.4845,
0.3225


 29.2673, 0.4845,
0.3225


 24.8127, 0.5315,
0.3226

 35.2371, 0.4408,
0.3232


 21.7329, 0.5766,
0.3235


 42.8366, 0.4031,
0.3242


 19.8695, 0.6126,
0.3255


 52.1750, 0.3718,
0.3255


 19.0008, 0.6339,
0.3278

 63.3507, 0.3466,
0.3268

 18.8974, 0.6363,
0.3279

 76.4545, 0.3263,
0.3280

 91.5713, 0.3101,
0.3292

 97.6111, 0.3047,
0.3290

Harmonies

Analogous

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



29.2673, 0.4082, 0.2621



29.2673, 0.4845, 0.3225



29.2673, 0.5012, 0.3891

Triad

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



29.2673, 0.4845, 0.3225



29.2673, 0.2935, 0.4942



29.2673, 0.1723, 0.1924

Complementary

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



29.2673, 0.4845, 0.3225



72.2519, 0.2433, 0.3373

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.



29.2673, 0.1529, 0.2256



29.2673, 0.4845, 0.3225



29.2673, 0.2137, 0.4063

Square

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



29.2673, 0.4845, 0.3225



29.2673, 0.3832, 0.5051



29.2673, 0.1654, 0.2988



29.2673, 0.2237, 0.1909

Rectangle

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



29.2673, 0.4845, 0.3225



29.2673, 0.4788, 0.4345



29.2673, 0.1654, 0.2988



29.2673, 0.1623, 0.1996

Sweetspot

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



29.2689, 0.4845, 0.3225



73.0163, 0.3439, 0.3269



33.3725, 0.3123, 0.1898



15.0377, 0.3484, 0.3267



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.



29.2689, 0.4845, 0.3225



27.1587, 0.5407, 0.3227



46.5263, 0.4457, 0.3964



15.7715, 0.3286, 0.3279



10.1608, 0.6349, 0.3271



0.8497, 0.6215, 0.3197

Inverse Universe

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



29.2689, 0.4845, 0.3225



27.1587, 0.5407, 0.3227



41.2377, 0.2219, 0.2446



15.7715, 0.3286, 0.3279



10.1608, 0.6349, 0.3271



0.8497, 0.6215, 0.3197

Previews

White Background



This preview shows how the Yxy color 29.2673, 0.4845, 0.3225 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 29.2673, 0.4845, 0.3225 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 29.2673, 0.4845, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 29.2673, 0.4845, 0.3225.



This preview shows how white text looks on a background with the Yxy color 29.2673, 0.4845, 0.3225.

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

29.2673, 0.4845, 0.3225

Protanopia

29.4210, 0.3391, 0.3574

Deuteranopia

29.2194, 0.3950, 0.3876



Tritanopia

29.2673, 0.4845, 0.3225

Trichromacy



Original Color

29.2673, 0.4845, 0.3225

Protanomaly

27.9105, 0.3911, 0.3419

Deuteranomaly

28.2005, 0.4290, 0.3582

Tritanomaly

29.2673, 0.4845, 0.3225

Monochromacy



Original Color

29.2673, 0.4845, 0.3225

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.7803, 0.3716, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2673, 0.4845, 0.3225 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(242, 101, 108)` looks like.

```
.text, #text, p{  
    color:rgb(242, 101, 108)  
}
```

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(242, 101, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 101, 108) }
```

Border

The CSS property to change the border of an element to Yxy 29.2673, 0.4845, 0.3225 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(242, 101, 108) }
```

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

```
.border{ border-color:rgb(242, 101, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 101, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 101, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 101, 108);  
box-shadow:4px 4px 4px 4px rgb(242, 101,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2673, 0.4845, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 101, 108) }
```

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

```
.background{ background-color: rgb(242,  
101, 108) }
```

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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