

Converting Colors

$Y_{xy}(29.9738, 0.4758, 0.3223)$

Have a look what the booklet for
Yxy(29.9738, 0.4758, 0.3223)
contains.

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Color

Yxy(29.9738, 0.4758, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	F16970
RGB	241, 105, 112
RGB Percent	95%, 41%, 44%
CMY	0.0549, 0.5882, 0.5609
CMYK	0.00, 0.56, 0.54, 0.05
HSL	357°, 83%, 68%
HSV	357°, 56%, 95%
XYZ	44.2493, 29.9738, 18.7766
YIQ	146.4620, 78.8090, 31.0090

Conversions

Conversions Part 2

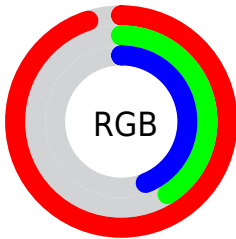
Format	Color
RYB	241, 105, 112
Decimal	15821168
CIELab	61.63, 52.90, 22.53
CIELCh	62, 57.496, 23.065
Yxy	29.9738, 0.4758, 0.3223
Android (android.graphics.Color)	4294011248 (0xFFFF16970)
YUV	146.4620, -16.9898, 82.9098
Hunter-Lab	54.7483, 48.4595, 17.9896

Details

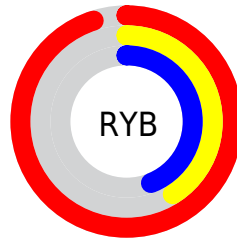
The Yxy color **29.9738, 0.4758, 0.3223** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **71.8528, 0.2448, 0.3374**, and the grayscale version is **28.9927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0819, 0.4007, 0.3250**, and **12.2701, 0.5313, 0.3127** is the 20% darker color. If you saturate the color by 10%, you get **25.2953, 0.5224, 0.3222**, and if you desaturate by 10%, it is **36.1754, 0.4332, 0.3231**.

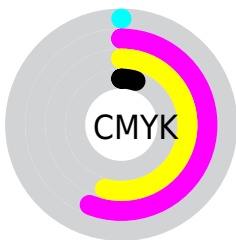
Distribution



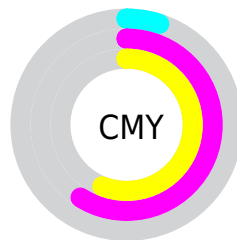
- Red (95%)
- Green (41%)
- Blue (44%)



- Red (95%)
- Yellow (41%)
- Blue (44%)



- Cyan (0%)
- Magenta (56%)
- Yellow (54%)
- Black (5%)



- Cyan (5%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9738, 0.4758, 0.3223 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 29.9738, 0.4758, 0.3223 by changing the saturation by 10% instead.


 29.9738, 0.4758,
0.3223


 29.9738, 0.4758,
0.3223


301.7823, 0.3879,
0.3302


 19.8187, 0.4993,
0.3185


 59.6207, 0.4426,
0.3264


 12.2633, 0.5301,
0.3125


 79.8814, 0.4305,
0.3276

 6.9233, 0.5718,
0.3024

 104.2793, 0.4204,
0.3284

 3.4142, 0.6298,
0.2841

 133.1989, 0.4119,
0.3290

 1.3516, 0.7411,
0.2589

167.0247, 0.4046,
0.3295

 0.1806, 0.9002,
0.0998

206.1409, 0.3983,


 0.0000, 1.0000,


0.3298


0.0000


250.9320, 0.3928,
0.3300


 0.0000, 0.0000,
0.0000


 29.9738, 0.4758,
0.3223


 29.9738, 0.4758,
0.3223


 25.2953, 0.5224,
0.3222


 36.1754, 0.4332,
0.3231


 22.0041, 0.5684,
0.3230

 44.0111, 0.3967,
0.3243

 19.9489, 0.6066,
0.3248

 53.5869, 0.3667,
0.3256

 18.9390, 0.6308,
0.3274

 64.9987, 0.3425,
0.3269

 18.7269, 0.6362,
0.3278

 78.3354, 0.3231,
0.3282

93.6801, 0.3076,
0.3294

97.4395, 0.3041,
0.3290

Harmonies

Analogous

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



29.9738, 0.4021, 0.2637



29.9738, 0.4758, 0.3223



29.9738, 0.4938, 0.3869

Triad

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



29.9738, 0.4758, 0.3223



29.9738, 0.2970, 0.4867



29.9738, 0.1766, 0.1979

Complementary

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



29.9738, 0.4758, 0.3223



71.8528, 0.2448, 0.3374

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.



29.9738, 0.1585, 0.2312



29.9738, 0.4758, 0.3223



29.9738, 0.2195, 0.4048

Square

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



29.9738, 0.4758, 0.3223



29.9738, 0.3833, 0.4970



29.9738, 0.1717, 0.3027



29.9738, 0.2260, 0.1956

Rectangle

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



29.9738, 0.4758, 0.3223



29.9738, 0.4737, 0.4305



29.9738, 0.1717, 0.3027



29.9738, 0.1672, 0.2052

Sweetspot

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



29.9754, 0.4758, 0.3223



73.0206, 0.3438, 0.3268



33.6007, 0.3103, 0.1924



15.0387, 0.3484, 0.3266



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.



29.9754, 0.4758, 0.3223



27.9808, 0.5309, 0.3223



46.2491, 0.4418, 0.3923



15.7720, 0.3285, 0.3278



10.1616, 0.6347, 0.3270



0.8499, 0.6208, 0.3193

Inverse Universe

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



29.9754, 0.4758, 0.3223



27.9808, 0.5309, 0.3223



42.8392, 0.2252, 0.2509



15.7720, 0.3285, 0.3278



10.1616, 0.6347, 0.3270



0.8499, 0.6208, 0.3193

Previews

White Background



This preview shows how the Yxy color 29.9738, 0.4758, 0.3223 looks on a white background.

Color Contrast Check

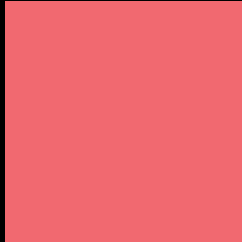
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9738, 0.4758, 0.3223 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 29.9738, 0.4758, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 29.9738, 0.4758, 0.3223.



This preview shows how white text looks on a background with the Yxy color 29.9738, 0.4758, 0.3223.

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

29.9738, 0.4758, 0.3223

Protanopia

30.2563, 0.3357, 0.3540

Deuteranopia

30.1505, 0.3908, 0.3828



Tritanopia

29.9738, 0.4758, 0.3223

Trichromacy



Original Color

29.9738, 0.4758, 0.3223

Protanomaly

28.8205, 0.3849, 0.3405

Deuteranomaly

29.2007, 0.4233, 0.3568

Tritanomaly

29.9738, 0.4758, 0.3223

Monochromacy



Original Color

29.9738, 0.4758, 0.3223

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.7776, 0.3681, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9738, 0.4758, 0.3223 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(241, 105, 112)` looks like.

```
.text, #text, p{  
    color:rgb(241, 105, 112)  
}
```

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(241, 105, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 105, 112) }
```

Border

The CSS property to change the border of an element to Yxy 29.9738, 0.4758, 0.3223 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(241, 105, 112) }
```

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

```
.border{ border-color:rgb(241, 105, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 105, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 105, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 105, 112);  
box-shadow:4px 4px 4px 4px rgb(241, 105,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9738, 0.4758, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 105, 112) }
```

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

```
.background{ background-color: rgb(241,  
105, 112) }
```

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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