

Converting Colors

$Y_{xy}(29.2007, 0.4452, 0.2961)$

Have a look what the booklet for
Yxy(29.2007, 0.4452, 0.2961)
contains.

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Color

Yxy(29.2007, 0.4452, 0.2961)

Conversions

Conversions Part 1

Format	Color
Hex	ED6685
RGB	237, 102, 133
RGB Percent	93%, 40%, 52%
CMY	0.0707, 0.5999, 0.4784
CMYK	0.00, 0.57, 0.44, 0.07
HSL	346°, 79%, 66%
HSV	346°, 57%, 93%
XYZ	43.9046, 29.2007, 25.5124
YIQ	145.8990, 70.5090, 38.2610

Conversions

Conversions Part 2

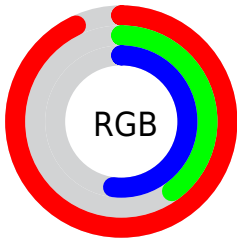
Format	Color
R _Y B	237, 102, 133
Decimal	15558277
CIE Lab	60.96, 54.79, 9.39
CIE LCh	61, 55.591, 9.722
Yxy	29.2007, 0.4452, 0.2961
Android (android.graphics.Color)	4293748357 (0xFFED6685)
YUV	145.8990, -6.3592, 79.8956
Hunter-Lab	54.0377, 50.4620, 9.8342

Details

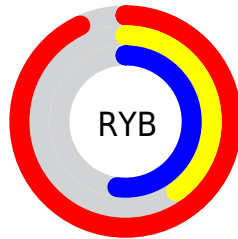
The Yxy color **29.2007, 0.4452, 0.2961** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **67.8384, 0.2552, 0.3692**, and the grayscale version is **28.7093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.9191, 0.3797, 0.2988**, and **11.8640, 0.4907, 0.2817** is the 20% darker color. If you saturate the color by 10%, you get **24.7283, 0.4837, 0.2935**, and if you desaturate by 10%, it is **35.0950, 0.4110, 0.3008**.

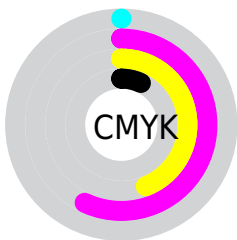
Distribution



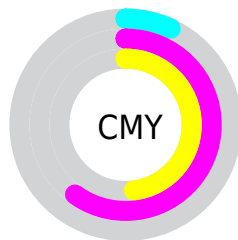
- Red (93%)
- Green (40%)
- Blue (52%)



- Red (93%)
- Yellow (40%)
- Blue (52%)



- Cyan (0%)
- Magenta (57%)
- Yellow (44%)
- Black (7%)



- Cyan (7%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.2007, 0.4452, 0.2961 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 29.2007, 0.4452, 0.2961 by changing the saturation by 10% instead.


 29.2007, 0.4452,
0.2961


 29.2007, 0.4452,
0.2961


298.1607, 0.3736,
0.3154

 19.2327, 0.4647,
0.2902


 58.3958, 0.4180,
0.3039


 11.8385, 0.4907,
0.2821


 78.3917, 0.4081,
0.3066

 6.6338, 0.5267,
0.2701


 102.4990, 0.3999,
0.3087

 3.2342, 0.5794,
0.2511

 131.1022, 0.3930,
0.3105

 1.2552, 0.6645,
0.2194

164.5855, 0.3871,
0.3121

 0.1061, 0.9375,
0.0625

203.3334, 0.3820,

 0.0000, 1.0000,

0.3134

0.0000

247.7304, 0.3775,
0.3145


 0.0000, 0.0000,
0.0000


 29.2007, 0.4452,
0.2961


 29.2007, 0.4452,
0.2961


 24.7283, 0.4837,
0.2935


 35.0950, 0.4110,
0.3008

 21.5517, 0.5241,
0.2941

 42.5137, 0.3818,
0.3066

 19.5305, 0.5625,
0.2986

 51.5553, 0.3577,
0.3129

 18.4837, 0.5944,
0.3068

 62.3087, 0.3379,
0.3191

 18.2707, 0.6027,
0.3094

 74.8562, 0.3220,
0.3251

 89.2749, 0.3091,
0.3307

 96.7407, 0.3017,
0.3290

Harmonies

Analogous

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



29.2007, 0.3585, 0.2434



29.2007, 0.4452, 0.2961



29.2007, 0.4893, 0.3578

Triad

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



29.2007, 0.4452, 0.2961



29.2007, 0.3357, 0.4961



29.2007, 0.1677, 0.2111

Complementary

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



29.2007, 0.4452, 0.2961



67.8384, 0.2552, 0.3692

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.



29.2007, 0.1633, 0.2600



29.2007, 0.4452, 0.2961



29.2007, 0.2530, 0.4446

Square

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



29.2007, 0.4452, 0.2961



29.2007, 0.4168, 0.4779



29.2007, 0.1914, 0.3461



29.2007, 0.2024, 0.1959

Rectangle

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



29.2007, 0.4452, 0.2961



29.2007, 0.4858, 0.4007



29.2007, 0.1914, 0.3461



29.2007, 0.1628, 0.2233

Sweetspot

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



29.2022, 0.4452, 0.2961



73.4246, 0.3382, 0.3190



28.6700, 0.2884, 0.1823



15.1328, 0.3418, 0.3178



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.



29.2022, 0.4452, 0.2961



28.6247, 0.4890, 0.2934



37.1415, 0.4602, 0.3683



15.1107, 0.3257, 0.3236



9.9938, 0.5989, 0.3073



0.7991, 0.5604, 0.2861

Inverse Universe

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



29.2022, 0.4452, 0.2961



28.6247, 0.4890, 0.2934



50.7086, 0.2313, 0.2816



15.1107, 0.3257, 0.3236



9.9938, 0.5989, 0.3073



0.7991, 0.5604, 0.2861

Previews

White Background



This preview shows how the Yxy color 29.2007, 0.4452, 0.2961 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 29.2007, 0.4452, 0.2961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

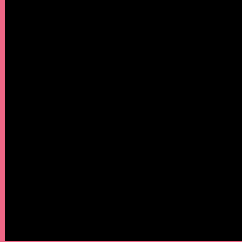
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2007, 0.4452, 0.2961

Background



This preview shows how black text looks on a background with the Yxy color 29.2007, 0.4452, 0.2961.



This preview shows how white text looks on a background with the Yxy color 29.2007, 0.4452, 0.2961.

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

29.2007, 0.4452, 0.2961

Protanopia

29.5391, 0.3024, 0.3119

Deuteranopia

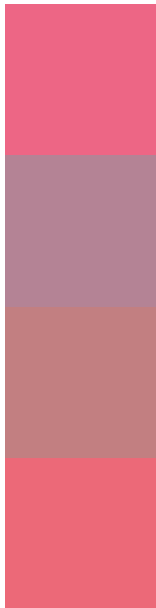
29.3133, 0.3584, 0.3517



Tritanopia

29.3332, 0.4690, 0.3220

Trichromacy



Original Color

29.2007, 0.4452, 0.2961

Protanomaly

28.1058, 0.3494, 0.3034

Deuteranomaly

28.2331, 0.3909, 0.3265

Tritanomaly

29.2921, 0.4603, 0.3133

Monochromacy



Original Color

29.2007, 0.4452, 0.2961

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.4721, 0.3578, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2007, 0.4452, 0.2961 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, 102, 133)` looks like.

```
.text, #text, p{  
    color:rgb(237, 102, 133)  
}
```

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, 102, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 102, 133) }
```

Border

The CSS property to change the border of an element to Yxy 29.2007, 0.4452, 0.2961 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, 102, 133) }
```

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

```
.border{ border-color:rgb(237, 102, 133) }
```

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

Here you see how a box with a 4 pixel rgb(237, 102, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 102, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 102, 133);  
box-shadow:4px 4px 4px 4px rgb(237, 102,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2007, 0.4452, 0.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 102, 133) }
```

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

```
.background{ background-color: rgb(237,  
102, 133) }
```

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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