

Converting Colors

$Y_{xy}(30.9223, 0.4205, 0.2937)$

Have a look what the booklet for
Yxy(30.9223, 0.4205, 0.2937)
contains.

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Color

Yxy(30.7578, 0.4206, 0.2933)

Conversions

Conversions Part 1

Format	Color
Hex	E87090
RGB	232, 112, 144
RGB Percent	91%, 44%, 56%
CMY	0.0902, 0.5608, 0.4352
CMYK	0.00, 0.52, 0.38, 0.09
HSL	344°, 72%, 67%
HSV	344°, 52%, 91%
XYZ	44.1075, 30.7578, 30.0028
YIQ	151.5280, 61.2480, 35.3920

Conversions

Conversions Part 2

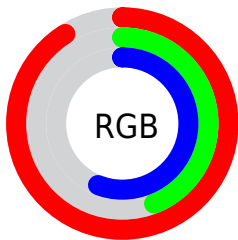
Format	Color
R_{YB}	232, 112, 144
Decimal	15233168
CIE _{Lab}	62.30, 49.59, 4.86
CIE _{LCh}	62, 49.830, 5.596
Yxy	30.7578, 0.4206, 0.2933
Android (android.graphics.Color)	4293423248 (0xFFE87090)
YUV	151.5280, -3.7113, 70.5739
Hunter-Lab	55.4597, 44.9078, 6.7469

Details

The Yxy color **30.7578, 0.4206, 0.2933** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **65.3276, 0.2610, 0.3709**, and the grayscale version is **31.1836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9747, 0.3657, 0.2969**, and **12.7185, 0.4571, 0.2799** is the 20% darker color. If you saturate the color by 10%, you get **25.8006, 0.4550, 0.2887**, and if you desaturate by 10%, it is **37.1152, 0.3908, 0.2996**.

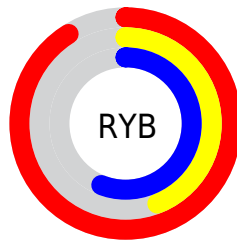
Distribution



Red (91%)

Green (44%)

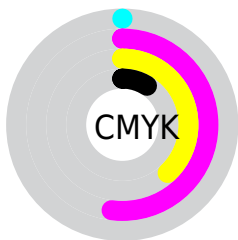
Blue (56%)



Red (91%)

Yellow (44%)

Blue (56%)

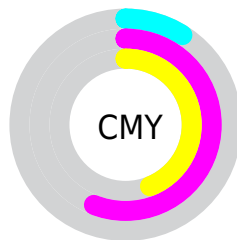


Cyan (0%)

Magenta (52%)

Yellow (38%)

Black (9%)



Cyan (9%)


Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7578, 0.4206, 0.2933 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 30.7578, 0.4206, 0.2933 by changing the saturation by 10% instead.

 30.7578, 0.4206,
0.2933


 30.7578, 0.4206,
0.2933


305.4210, 0.3629,
0.3131

 20.4145, 0.4362,
0.2877


 60.8585, 0.3987,
0.3010

 12.6967, 0.4570,
0.2801


 81.3848, 0.3908,
0.3037

 7.2200, 0.4859,
0.2693

 106.0741, 0.3842,
0.3060

 3.6001, 0.5283,
0.2528

135.3109, 0.3786,
0.3078

 1.4525, 0.5957,
0.2252

169.4796, 0.3738,
0.3094

 0.2549, 0.8635,
0.1365

208.9646, 0.3697,

 0.0000, 1.0000,

0.3108


0.0000


254.1502, 0.3661,
0.3120


 0.0000, 0.0000,
0.0000


 30.7578, 0.4206,
0.2933


 30.7578, 0.4206,
0.2933


 25.8006, 0.4550,
0.2887


 37.1152, 0.3908,
0.2996


 22.1318, 0.4927,
0.2868


 44.9639, 0.3658,
0.3068

 19.6305, 0.5311,
0.2888

 54.3926, 0.3452,
0.3141

 18.1498, 0.5664,
0.2953

 65.4819, 0.3284,
0.3212

 17.5022, 0.5911,
0.3030

 78.3067, 0.3148,
0.3279

■ 92.9374, 0.3037,
0.3341

■ 95.8957, 0.2987,
0.3290

Harmonies

Analogous

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



30.7578, 0.3423, 0.2466



30.7578, 0.4206, 0.2933



30.7578, 0.4666, 0.3493

Triad

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



30.7578, 0.4206, 0.2933



30.7578, 0.3458, 0.4764



30.7578, 0.1795, 0.2281

Complementary

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



30.7578, 0.4206, 0.2933



65.3276, 0.2610, 0.3709

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.



30.7578, 0.1799, 0.2778



30.7578, 0.4206, 0.2933



30.7578, 0.2704, 0.4388

Square

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



30.7578, 0.4206, 0.2933



30.7578, 0.4163, 0.4575



30.7578, 0.2107, 0.3571



30.7578, 0.2077, 0.2094

Rectangle

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



30.7578, 0.4206, 0.2933



30.7578, 0.4694, 0.3884



30.7578, 0.2107, 0.3571



30.7578, 0.1764, 0.2410

Sweetspot

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



30.7594, 0.4206, 0.2933



74.8952, 0.3353, 0.3181



29.4218, 0.2857, 0.1926



15.4259, 0.3388, 0.3167



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.



30.7594, 0.4206, 0.2933



31.6571, 0.4571, 0.2885



36.5039, 0.4450, 0.3586



14.4308, 0.3251, 0.3228



9.7345, 0.5870, 0.3008



0.7344, 0.5454, 0.2778

Inverse Universe

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



30.7594, 0.4206, 0.2933



31.6571, 0.4571, 0.2885



53.4142, 0.2392, 0.2949



14.4308, 0.3251, 0.3228



9.7345, 0.5870, 0.3008



0.7344, 0.5454, 0.2778

Previews

White Background



This preview shows how the Yxy color 30.7578, 0.4206, 0.2933 looks on a white background.

Color Contrast Check

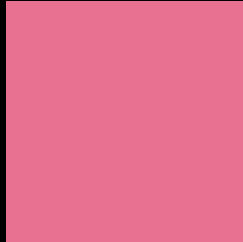
Large Text (above 18pt) WCAG AA × Fail

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 30.7578, 0.4206, 0.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

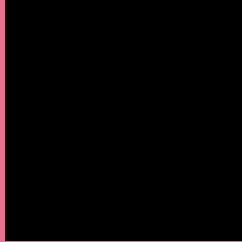
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7578, 0.4206, 0.2933

Background



This preview shows how black text looks on a background with the Yxy color 30.7578, 0.4206, 0.2933.



This preview shows how white text looks on a background with the Yxy color 30.7578, 0.4206, 0.2933.

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

30.7578, 0.4206, 0.2933

Protanopia

30.9554, 0.2971, 0.3047

Deuteranopia

30.9679, 0.3455, 0.3395



Tritanopia

30.7690, 0.4426, 0.3203

Trichromacy



Original Color

30.7578, 0.4206, 0.2933

Protanomaly

29.6606, 0.3372, 0.2980

Deuteranomaly

30.3107, 0.3725, 0.3197

Tritanomaly

30.8891, 0.4352, 0.3113

Monochromacy



Original Color

30.7578, 0.4206, 0.2933

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

29.8850, 0.3491, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7578, 0.4206, 0.2933 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, 112, 144)` looks like.

```
.text, #text, p{  
    color:rgb(232, 112, 144)  
}
```

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, 112, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 112, 144) }
```

Border

The CSS property to change the border of an element to Yxy 30.7578, 0.4206, 0.2933 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, 112, 144) }
```

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

```
.border{ border-color:rgb(232, 112, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 112, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 112, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 112, 144);  
box-shadow:4px 4px 4px 4px rgb(232, 112,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7578, 0.4206, 0.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 112, 144) }
```

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

```
.background{ background-color: rgb(232,  
112, 144) }
```

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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