

Converting Colors

$Y_{xy}(23.2573, 0.4564, 0.2894)$

Have a look what the booklet for
Yxy(23.2573, 0.4564, 0.2894)
contains.

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Color

Yxy(23.2263, 0.4572, 0.2895)

Conversions

Conversions Part 1

Format	Color
Hex	DE5478
RGB	222, 84, 120
RGB Percent	87%, 33%, 47%
CMY	0.1295, 0.6705, 0.5294
CMYK	0.00, 0.62, 0.46, 0.13
HSL	344°, 68%, 60%
HSV	344°, 62%, 87%
XYZ	36.6807, 23.2263, 20.3220
YIQ	129.3660, 70.6920, 40.4520

Conversions

Conversions Part 2

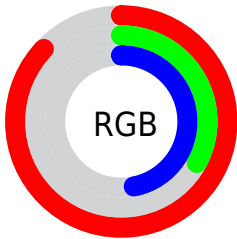
Format	Color
R _Y B	222, 84, 120
Decimal	14570616
CIE Lab	55.30, 56.68, 8.64
CIE LCh	55, 57.337, 8.670
Yxy	23.2263, 0.4572, 0.2895
Android (android.graphics.Color)	4292760696 (0xFFDE5478)
YUV	129.3660, -4.6174, 81.2400
Hunter-Lab	48.1937, 51.5193, 8.7345

Details

The Yxy color **23.2263, 0.4572, 0.2895** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **57.6632, 0.2544, 0.3797**, and the grayscale version is **22.0895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.9947, 0.3995, 0.2958**, and **8.6496, 0.5114, 0.2711** is the 20% darker color. If you saturate the color by 10%, you get **19.9445, 0.4952, 0.2879**, and if you desaturate by 10%, it is **27.6704, 0.4225, 0.2940**.

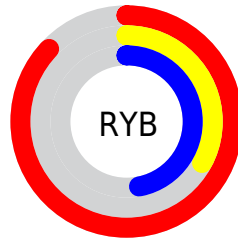
Distribution



Red (87%)

Green (33%)

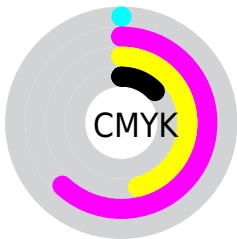
Blue (47%)



Red (87%)

Yellow (33%)

Blue (47%)

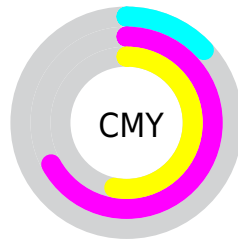


Cyan (0%)

Magenta (62%)

Yellow (46%)

Black (13%)



Cyan (13%)


Magenta (67%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2263, 0.4572, 0.2895 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 23.2263, 0.4572, 0.2895 by changing the saturation by 10% instead.


 23.2263, 0.4572,
0.2895

 23.2263, 0.4572,
0.2895

268.8852, 0.3766,
0.3132


 14.7607, 0.4802,
0.2820


 48.7646, 0.4258,
0.2992


 8.6516, 0.5115,
0.2714


 66.6062, 0.4146,
0.3025

 4.5146, 0.5561,
0.2553

 88.3418, 0.4055,
0.3052

 1.9654, 0.6233,
0.2290

 114.3559, 0.3978,
0.3073

 0.5873, 0.8001,
0.1886

145.0329, 0.3913,
0.3092

 0.0000, 1.0000,
0.0000

180.7572, 0.3857,

 0.0000, 0.0000,

0.3107

0.0000

221.9132, 0.3808,
0.3121

■ 23.2263, 0.4572,
0.2895

■ 23.2263, 0.4572,
0.2895

■ 19.9445, 0.4952,
0.2879

■ 27.6704, 0.4225,
0.2940

■ 17.7106, 0.5338,
0.2900

■ 33.3695, 0.3923,
0.3001


■ 16.3931, 0.5690,
0.2965

■ 40.4112, 0.3670,
0.3070


■ 15.8310, 0.5924,
0.3037

■ 48.8741, 0.3461,
0.3141

■ 58.8308, 0.3291,
0.3211

 70.3489, 0.3153,
0.3277

 83.4919, 0.3041,
0.3337

 94.0288, 0.2949,
0.3327

 94.2665, 0.2929,
0.3289

Harmonies

Analogous

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



23.2263, 0.3592, 0.2337



23.2263, 0.4572, 0.2895



23.2263, 0.5074, 0.3550

Triad

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



23.2263, 0.4572, 0.2895



23.2263, 0.3386, 0.5167



23.2263, 0.1545, 0.2007

Complementary

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



23.2263, 0.4572, 0.2895



57.6632, 0.2544, 0.3797

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.



23.2263, 0.1505, 0.2540



23.2263, 0.4572, 0.2895



23.2263, 0.2482, 0.4631

Square

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



23.2263, 0.4572, 0.2895



23.2263, 0.4271, 0.4895



23.2263, 0.1809, 0.3508



23.2263, 0.1903, 0.1842

Rectangle

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



23.2263, 0.4572, 0.2895



23.2263, 0.5035, 0.4013



23.2263, 0.1809, 0.3508



23.2263, 0.1496, 0.2138

Sweetspot

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



23.2276, 0.4572, 0.2895



70.7923, 0.3407, 0.3163



21.9559, 0.2805, 0.1692



14.3556, 0.3459, 0.3142



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.



23.2276, 0.4572, 0.2895



26.1053, 0.5086, 0.2881



28.7076, 0.4832, 0.3651



13.7589, 0.3251, 0.3229



9.4207, 0.5887, 0.3017



0.6675, 0.5446, 0.2774

Inverse Universe

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



23.2276, 0.4572, 0.2895



26.1053, 0.5086, 0.2881



43.8954, 0.2274, 0.2835



13.7589, 0.3251, 0.3229



9.4207, 0.5887, 0.3017



0.6675, 0.5446, 0.2774

Previews

White Background



This preview shows how the Yxy color 23.2263, 0.4572, 0.2895 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 23.2263, 0.4572, 0.2895 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 23.2263, 0.4572, 0.2895

Background



This preview shows how black text looks on a background with the Yxy color 23.2263, 0.4572, 0.2895.



This preview shows how white text looks on a background with the Yxy color 23.2263, 0.4572, 0.2895.

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

23.2263, 0.4572, 0.2895

Protanopia

23.4344, 0.2962, 0.3034

Deuteranopia

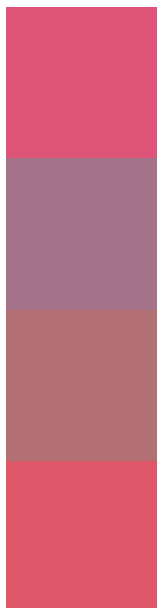
23.4029, 0.3605, 0.3539



Tritanopia

23.1866, 0.4897, 0.3230

Trichromacy



Original Color

23.2263, 0.4572, 0.2895

Protanomaly

21.9601, 0.3486, 0.2950

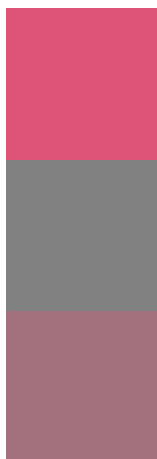
Deuteranomaly

22.3143, 0.3957, 0.3233

Tritanomaly

23.1880, 0.4789, 0.3108

Monochromacy



Original Color

23.2263, 0.4572, 0.2895

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.1031, 0.3623, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2263, 0.4572, 0.2895 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(222, 84, 120)` looks like.

```
.text, #text, p{  
    color:rgb(222, 84, 120)  
}
```

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(222, 84, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 84, 120) }
```

Border

The CSS property to change the border of an element to Yxy 23.2263, 0.4572, 0.2895 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(222, 84, 120) }
```

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

```
.border{ border-color:rgb(222, 84, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 84, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 84, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 84, 120);  
box-shadow:4px 4px 4px 4px rgb(222, 84,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2263, 0.4572, 0.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 84, 120) }
```

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

```
.background{ background-color: rgb(222, 84,  
120) }
```

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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