

Converting Colors

$Y_{xy}(26.0136, 0.4032, 0.2728)$

Have a look what the booklet for
Yxy(26.0136, 0.4032, 0.2728)
contains.

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Color

Yxy(26.0042, 0.4032, 0.2722)

Conversions

Conversions Part 1

Format	Color
Hex	D96494
RGB	217, 100, 148
RGB Percent	85%, 39%, 58%
CMY	0.1490, 0.6078, 0.4196
CMYK	0.00, 0.54, 0.32, 0.15
HSL	335°, 61%, 62%
HSV	335°, 54%, 85%
XYZ	38.5191, 26.0042, 31.0102
YIQ	140.4550, 54.3240, 39.7320

Conversions

Conversions Part 2

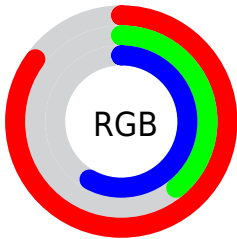
Format	Color
R _Y B	217, 100, 148
Decimal	14247060
CIE Lab	58.04, 50.87, -3.93
CIE LCh	58, 51.021, 355.583
Yxy	26.0042, 0.4032, 0.2722
Android (android.graphics.Color)	4292437140 (0xFFD96494)
YUV	140.4550, 3.7197, 67.1300
Hunter-Lab	50.9943, 45.5918, -0.3588

Details

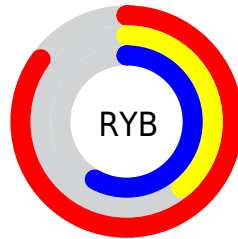
The Yxy color **26.0042, 0.4032, 0.2722** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **55.2013, 0.2685, 0.3981**, and the grayscale version is **26.3821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.9670, 0.3645, 0.2805**, and **10.1108, 0.4365, 0.2537** is the 20% darker color. If you saturate the color by 10%, you get **21.9994, 0.4301, 0.2647**, and if you desaturate by 10%, it is **31.1648, 0.3795, 0.2819**.

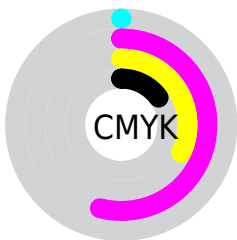
Distribution



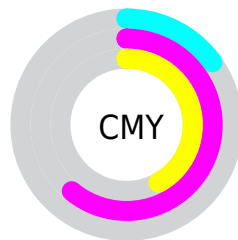
- Red (85%)
- Green (39%)
- Blue (58%)



- Red (85%)
- Yellow (39%)
- Blue (58%)



- Cyan (0%)
- Magenta (54%)
- Yellow (32%)
- Black (15%)





- Cyan (15%)
- Magenta (61%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0042, 0.4032, 0.2722 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 26.0042, 0.4032, 0.2722 by changing the saturation by 10% instead.


 26.0042, 0.4032,
0.2722


 26.0042, 0.4032,
0.2722


282.8027, 0.3542,
0.3025


 16.8268, 0.4168,
0.2640

 53.2817, 0.3844,
0.2837


 10.1111, 0.4350,
0.2531


 72.1506, 0.3777,
0.2879

 5.4727, 0.4609,
0.2378


 95.0188, 0.3721,
0.2913

 2.5272, 0.4999,
0.2153

 122.2706, 0.3674,
0.2943

 0.8902, 0.5646,
0.1793

154.2906, 0.3633,
0.2968

 0.0000, 0.9646,
0.0000

191.4629, 0.3599,

 0.0000, 0.0000,

0.2989

0.0000

234.1722, 0.3568,
0.3008

■ 26.0042, 0.4032,
0.2722

■ 26.0042, 0.4032,
0.2722

■ 21.9994, 0.4301,
0.2647

■ 31.1648, 0.3795,
0.2819

■ 19.0548, 0.4596,
0.2606

■ 37.5590, 0.3593,
0.2927

■ 17.0661, 0.4900,
0.2612

■ 45.2621, 0.3423,
0.3038

■ 15.9051, 0.5193,
0.2672

■ 54.3424, 0.3282,
0.3147

■ 15.4742, 0.5362,
0.2727

■ 64.8633, 0.3167,
0.3251

■ 76.8845, 0.3072,
0.3348

■ 90.4620, 0.2994,
0.3438

■ 93.1982, 0.2925,
0.3337

■ 93.4922, 0.2900,
0.3289

Harmonies

Analogous

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



26.0042, 0.3144, 0.2281



26.0042, 0.4032, 0.2722



26.0042, 0.4683, 0.3289

Triad

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



26.0042, 0.4032, 0.2722



26.0042, 0.3738, 0.4874



26.0042, 0.1673, 0.2339

Complementary

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



26.0042, 0.4032, 0.2722



55.2013, 0.2685, 0.3981

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.



26.0042, 0.1778, 0.2984



26.0042, 0.4032, 0.2722



26.0042, 0.2924, 0.4702

Square

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



26.0042, 0.4032, 0.2722



26.0042, 0.4436, 0.4498



26.0042, 0.2209, 0.3912



26.0042, 0.1871, 0.2043

Rectangle

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



26.0042, 0.4032, 0.2722



26.0042, 0.4832, 0.3699



26.0042, 0.2209, 0.3912



26.0042, 0.1673, 0.2513

Sweetspot

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



26.0055, 0.4032, 0.2722



75.2206, 0.3311, 0.3123



22.4774, 0.2684, 0.1813



15.5029, 0.3340, 0.3101



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.



26.0055, 0.4032, 0.2722



30.8897, 0.4349, 0.2637



26.7709, 0.4643, 0.3409



13.1397, 0.3228, 0.3194



9.3868, 0.5325, 0.2707



0.6250, 0.4900, 0.2473

Inverse Universe

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



26.0055, 0.4032, 0.2722



30.8897, 0.4349, 0.2637



52.4679, 0.2415, 0.3155



13.1397, 0.3228, 0.3194



9.3868, 0.5325, 0.2707



0.6250, 0.4900, 0.2473

Previews

White Background



This preview shows how the Yxy color 26.0042, 0.4032, 0.2722 looks on a white background.

Color Contrast Check

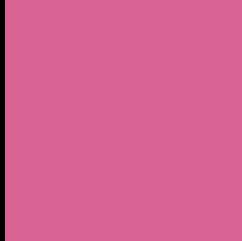
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0042, 0.4032, 0.2722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

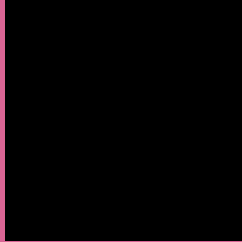
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0042, 0.4032, 0.2722

Background



This preview shows how black text looks on a background with the Yxy color 26.0042, 0.4032, 0.2722.



This preview shows how white text looks on a background with the Yxy color 26.0042, 0.4032, 0.2722.

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

26.0042, 0.4032, 0.2722

Protanopia

26.3879, 0.2741, 0.2751

Deuteranopia

26.2367, 0.3243, 0.3195



Tritanopia

26.0264, 0.4442, 0.3209

Trichromacy



Original Color

26.0042, 0.4032, 0.2722

Protanomaly

25.1341, 0.3143, 0.2711

Deuteranomaly

25.4096, 0.3526, 0.2984

Tritanomaly

25.8541, 0.4303, 0.3028

Monochromacy



Original Color

26.0042, 0.4032, 0.2722

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

24.9752, 0.3438, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0042, 0.4032, 0.2722 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(217, 100, 148)` looks like.

```
.text, #text, p{  
    color:rgb(217, 100, 148)  
}
```

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(217, 100, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 100, 148) }
```

Border

The CSS property to change the border of an element to Yxy 26.0042, 0.4032, 0.2722 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(217, 100, 148) }
```

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

```
.border{ border-color:rgb(217, 100, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 100, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 100, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 100, 148);  
box-shadow:4px 4px 4px 4px rgb(217, 100,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0042, 0.4032, 0.2722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 100, 148) }
```

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

```
.background{ background-color: rgb(217,  
100, 148) }
```

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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