

Converting Colors

$Y_{xy}(26.7683, 0.4526, 0.3195)$

Have a look what the booklet for
Yxy(26.7683, 0.4526, 0.3195)
contains.

Yxy(26.6902, 0.4531, 0.3190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.6902, 0.4531, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	DD6972
RGB	221, 105, 114
RGB Percent	87%, 41%, 45%
CMY	0.1333, 0.5882, 0.5530
CMYK	0.00, 0.52, 0.48, 0.13
HSL	355°, 63%, 64%
HSV	355°, 52%, 87%
XYZ	37.9101, 26.6902, 19.0680
YIQ	140.7100, 66.2470, 27.3910

Conversions

Conversions Part 2

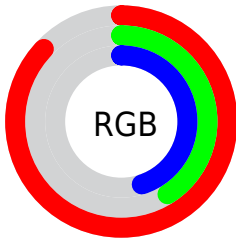
Format	Color
R_{YB}	221, 105, 114
Decimal	14510450
CIE _{Lab}	58.69, 46.13, 16.87
CIE _{LCh}	59, 49.117, 20.094
Yxy	26.6902, 0.4531, 0.3190
Android (android.graphics.Color)	4292700530 (0xFFDD6972)
YUV	140.7100, -13.1680, 70.4143
Hunter-Lab	51.6626, 40.5743, 14.2806

Details

The Yxy color **26.6902, 0.4531, 0.3190** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **59.4785, 0.2496, 0.3408**, and the grayscale version is **26.5495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8094, 0.3991, 0.3219**, and **10.5307, 0.5044, 0.3104** is the 20% darker color. If you saturate the color by 10%, you get **22.3459, 0.4971, 0.3182**, and if you desaturate by 10%, it is **32.3104, 0.4143, 0.3206**.

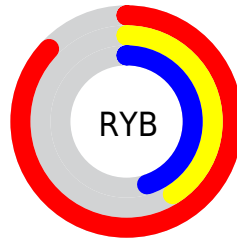
Distribution



Red (87%)

Green (41%)

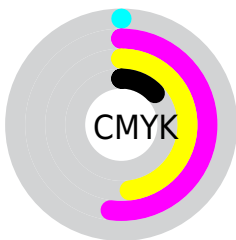
Blue (45%)



Red (87%)

Yellow (41%)

Blue (45%)

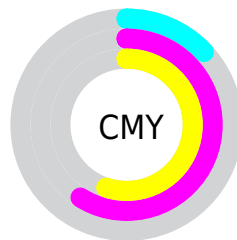


Cyan (0%)

Magenta (52%)

Yellow (48%)

Black (13%)



Cyan (13%)


Magenta (59%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6902, 0.4531, 0.3190 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 26.6902, 0.4531, 0.3190 by changing the saturation by 10% instead.

 26.6902, 0.4531,
0.3190


 26.6902, 0.4531,
0.3190


286.1540, 0.3759,
0.3274


 17.3407, 0.4746,
0.3154


 54.3863, 0.4234,
0.3231


 10.4777, 0.5034,
0.3098


 73.5018, 0.4127,
0.3243

 5.7168, 0.5438,
0.3004

 96.6413, 0.4039,
0.3252

 2.6737, 0.6029,
0.2831

 124.1893, 0.3965,
0.3259

 0.9638, 0.7368,
0.2632

156.5301, 0.3902,
0.3264

 0.0000, 1.0000,
0.0000

194.0483, 0.3848,

 0.0000, 0.0000,

0.3268

0.0000

237.1281, 0.3801,
0.3272

■ 26.6902, 0.4531,
0.3190

■ 26.6902, 0.4531,
0.3190

■ 22.3459, 0.4971,
0.3182

■ 32.3104, 0.4143,
0.3206

■ 19.1738, 0.5432,
0.3186

■ 39.2914, 0.3817,
0.3225

■ 17.0607, 0.5857,
0.3205

■ 47.7156, 0.3551,
0.3246


■ 15.8694, 0.6178,
0.3238

■ 57.6576, 0.3336,
0.3266

■ 15.4152, 0.6330,
0.3261

■ 69.1871, 0.3164,
0.3285

 82.3693, 0.3027,
0.3303

 94.1144, 0.2923,
0.3289

Harmonies

Analogous

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



26.6902, 0.3843, 0.2657



26.6902, 0.4531, 0.3190



26.6902, 0.4758, 0.3783

Triad

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



26.6902, 0.4531, 0.3190



26.6902, 0.3081, 0.4709



26.6902, 0.1862, 0.2122

Complementary

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



26.6902, 0.4531, 0.3190



59.4785, 0.2496, 0.3408

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.



26.6902, 0.1723, 0.2470



26.6902, 0.4531, 0.3190



26.6902, 0.2359, 0.4046

Square

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



26.6902, 0.4531, 0.3190



26.6902, 0.3857, 0.4770



26.6902, 0.1883, 0.3152



26.6902, 0.2291, 0.2068

Rectangle

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



26.6902, 0.4531, 0.3190



26.6902, 0.4622, 0.4178



26.6902, 0.1883, 0.3152



26.6902, 0.1784, 0.2202

Sweetspot

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



26.6916, 0.4531, 0.3190



74.4829, 0.3409, 0.3259



29.2240, 0.3087, 0.2002



15.3288, 0.3453, 0.3255



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.



26.6916, 0.4531, 0.3190



30.3850, 0.5018, 0.3182



39.2875, 0.4307, 0.3861



13.0678, 0.3279, 0.3272



8.9601, 0.6311, 0.3250



0.5863, 0.6063, 0.3114

Inverse Universe

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



26.6916, 0.4531, 0.3190



30.3850, 0.5018, 0.3182



37.9866, 0.2317, 0.2607



13.0678, 0.3279, 0.3272



8.9601, 0.6311, 0.3250



0.5863, 0.6063, 0.3114

Previews

White Background



This preview shows how the Yxy color 26.6902, 0.4531, 0.3190 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 26.6902, 0.4531, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

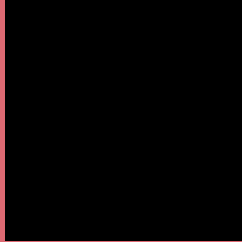
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6902, 0.4531, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 26.6902, 0.4531, 0.3190.



This preview shows how white text looks on a background with the Yxy color 26.6902, 0.4531, 0.3190.

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

26.6902, 0.4531, 0.3190

Protanopia

26.8267, 0.3274, 0.3438

Deuteranopia

26.8194, 0.3774, 0.3709



Tritanopia

26.6676, 0.4544, 0.3202

Trichromacy



Original Color

26.6902, 0.4531, 0.3190

Protanomaly

25.8032, 0.3705, 0.3337

Deuteranomaly

26.2540, 0.4049, 0.3491

Tritanomaly

26.6676, 0.4544, 0.3202

Monochromacy



Original Color

26.6902, 0.4531, 0.3190

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.6231, 0.3597, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6902, 0.4531, 0.3190 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(221, 105, 114)` looks like.

```
.text, #text, p{  
    color:rgb(221, 105, 114)  
}
```

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(221, 105, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 105, 114) }
```

Border

The CSS property to change the border of an element to Yxy 26.6902, 0.4531, 0.3190 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(221, 105, 114) }
```

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

```
.border{ border-color:rgb(221, 105, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 105, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 105, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 105, 114);  
box-shadow:4px 4px 4px 4px rgb(221, 105,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6902, 0.4531, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 105, 114) }
```

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

```
.background{ background-color: rgb(221,  
105, 114) }
```

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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