

Converting Colors

$Yxy(26.5118, 0.3994, 0.3210)$

Have a look what the booklet for
Yxy(26.5118, 0.3994, 0.3210)
contains.

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Color

Yxy(26.5414, 0.3991, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	C3787E
RGB	195, 120, 126
RGB Percent	76%, 47%, 49%
CMY	0.2353, 0.5294, 0.5058
CMYK	0.00, 0.38, 0.35, 0.24
HSL	355°, 38%, 62%
HSV	355°, 38%, 76%
XYZ	32.9887, 26.5414, 23.1276
YIQ	143.1090, 42.7740, 17.7660

Conversions

Conversions Part 2

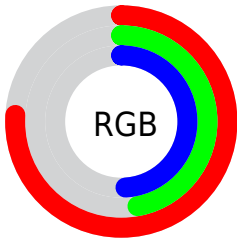
Format	Color
RYB	195, 120, 126
Decimal	12810366
CIELab	58.55, 30.06, 9.20
CIELCh	59, 31.433, 17.017
Yxy	26.5414, 0.3991, 0.3211
Android (android.graphics.Color)	4291000446 (0xFFC3787E)
YUV	143.1090, -8.4347, 45.5084
Hunter-Lab	51.5183, 24.1417, 9.4464

Details

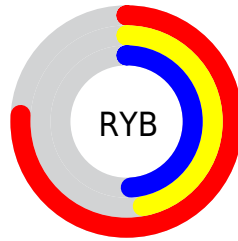
The Yxy color **26.5414, 0.3991, 0.3211** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **46.6971, 0.2634, 0.3375**, and the grayscale version is **27.5366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0245, 0.3800, 0.3228**, and **10.4051, 0.4314, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **21.8978, 0.4348, 0.3193**, and if you desaturate by 10%, it is **32.2257, 0.3695, 0.3232**.

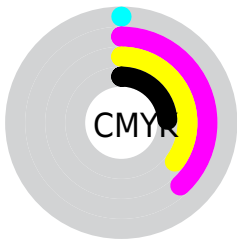
Distribution



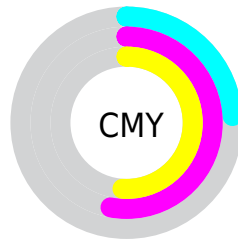
- Red (76%)
- Green (47%)
- Blue (49%)



- Red (76%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (38%)
- Yellow (35%)
- Black (24%)





- Cyan (24%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5414, 0.3991, 0.3211 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 26.5414, 0.3991, 0.3211 by changing the saturation by 10% instead.


 26.5414, 0.3991,
0.3211


 26.5414, 0.3991,
0.3211


285.4298, 0.3515,
0.3265


 17.2291, 0.4126,
0.3191


 54.1471, 0.3806,
0.3235

 10.3980, 0.4311,
0.3161


 73.2092, 0.3741,
0.3242

 5.6636, 0.4576,
0.3112

 96.2902, 0.3686,
0.3248

 2.6416, 0.4987,
0.3023

123.7742, 0.3641,
0.3253

 0.9476, 0.5882,
0.2923

156.0458, 0.3602,
0.3257

 0.0000, 1.0000,
0.0000

193.4893, 0.3569,

 0.0000, 0.0000,

0.3260

0.0000

236.4892, 0.3540,
0.3263

■ 26.5414, 0.3991,
0.3211

■ 26.5414, 0.3991,
0.3211

■ 21.8978, 0.4348,
0.3193

■ 32.2257, 0.3695,
0.3232

■ 18.2281, 0.4763,
0.3181

■ 39.0044, 0.3454,
0.3253

■ 15.4642, 0.5216,
0.3178


■ 46.9319, 0.3261,
0.3274

■ 13.5271, 0.5662,
0.3190

■ 56.0583, 0.3105,
0.3293

■ 12.3247, 0.6037,
0.3217


■ 66.4303, 0.2980,
0.3310

 11.7123, 0.6289,
0.3252

 78.0923, 0.2879,
0.3326

 11.6384, 0.6318,
0.3254

 90.1234, 0.2796,
0.3325

 90.3421, 0.2778,
0.3289

Harmonies

Analogous

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



26.5414, 0.3541, 0.2835



26.5414, 0.3991, 0.3211



26.5414, 0.4185, 0.3628

Triad

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



26.5414, 0.3991, 0.3211



26.5414, 0.3182, 0.4183



26.5414, 0.2247, 0.2527

Complementary

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



26.5414, 0.3991, 0.3211



46.6971, 0.2634, 0.3375

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.



26.5414, 0.2173, 0.2812



26.5414, 0.3991, 0.3211



26.5414, 0.2683, 0.3813

Square

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



26.5414, 0.3991, 0.3211



26.5414, 0.3690, 0.4236



26.5414, 0.2323, 0.3281



26.5414, 0.2536, 0.2451

Rectangle

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



26.5414, 0.3991, 0.3211



26.5414, 0.4138, 0.3891



26.5414, 0.2323, 0.3281



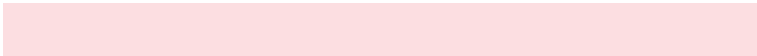
26.5414, 0.2198, 0.2599

Sweetspot

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



26.5427, 0.3991, 0.3211



78.5186, 0.3328, 0.3266



28.1609, 0.3105, 0.2332



16.7765, 0.3353, 0.3263



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.



26.5427, 0.3991, 0.3211



40.5428, 0.4281, 0.3196



35.1727, 0.3904, 0.3711



10.0907, 0.3277, 0.3272



7.5695, 0.6300, 0.3244



0.3316, 0.5962, 0.3058

Inverse Universe

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



26.5427, 0.3991, 0.3211



40.5428, 0.4281, 0.3196



34.3955, 0.2530, 0.2822



10.0907, 0.3277, 0.3272



7.5695, 0.6300, 0.3244



0.3316, 0.5962, 0.3058

Previews

White Background



This preview shows how the Yxy color 26.5414, 0.3991, 0.3211 looks on a white background.

Color Contrast Check

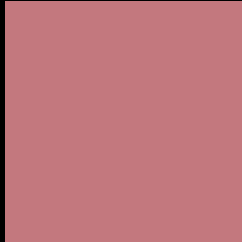
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5414, 0.3991, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

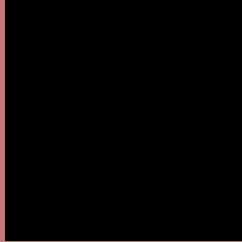
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5414, 0.3991, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 26.5414, 0.3991, 0.3211.



This preview shows how white text looks on a background with the Yxy color 26.5414, 0.3991, 0.3211.

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

26.5414, 0.3991, 0.3211

Protanopia

26.8756, 0.3211, 0.3356

Deuteranopia

26.6154, 0.3556, 0.3496



Tritanopia

26.6200, 0.3952, 0.3170

Trichromacy



Original Color

26.5414, 0.3991, 0.3211

Protanomaly

26.2550, 0.3475, 0.3291

Deuteranomaly

26.3047, 0.3710, 0.3382

Tritanomaly

26.5936, 0.3965, 0.3184

Monochromacy



Original Color

26.5414, 0.3991, 0.3211

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.8155, 0.3414, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5414, 0.3991, 0.3211 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(195, 120, 126)` looks like.

```
.text, #text, p{  
    color:rgb(195, 120, 126)  
}
```

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(195, 120, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 120, 126) }
```

Border

The CSS property to change the border of an element to Yxy 26.5414, 0.3991, 0.3211 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(195, 120, 126) }
```

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

```
.border{ border-color:rgb(195, 120, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 120, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 120, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 120, 126); box-shadow:4px 4px 4px 4px rgb(195, 120, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5414, 0.3991, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 120, 126) }
```

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

```
.background{ background-color: rgb(195,  
120, 126) }
```

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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