

Converting Colors

$Yxy(29.9747, 0.3866, 0.3361)$

Have a look what the booklet for
Yxy(29.9747, 0.3866, 0.3361)
contains.

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Color

Yxy(29.9726, 0.3866, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	C18681
RGB	193, 134, 129
RGB Percent	76%, 53%, 51%
CMY	0.2432, 0.4745, 0.4942
CMYK	0.00, 0.31, 0.33, 0.24
HSL	5°, 34%, 63%
HSV	5°, 33%, 76%
XYZ	34.4761, 29.9726, 24.7290
YIQ	151.0710, 36.7690, 10.9530

Conversions

Conversions Part 2

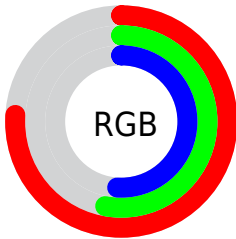
Format	Color
R _Y B	193, 134, 129
Decimal	12682881
CIE Lab	61.63, 21.97, 11.82
CIE LCh	62, 24.949, 28.284
Yxy	29.9726, 0.3866, 0.3361
Android (android.graphics.Color)	4290872961 (0xFFC18681)
YUV	151.0710, -10.8810, 36.7717
Hunter-Lab	54.7472, 16.5994, 11.5422

Details

The Yxy color **29.9726, 0.3866, 0.3361** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4605, 0.2652, 0.3217**, and the grayscale version is **31.0151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8531, 0.3712, 0.3355**, and **12.3231, 0.4126, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **24.9991, 0.4202, 0.3383**, and if you desaturate by 10%, it is **35.8722, 0.3588, 0.3339**.

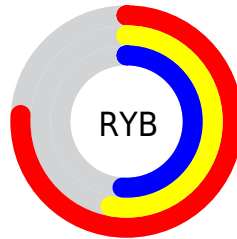
Distribution



Red (76%)

Green (53%)

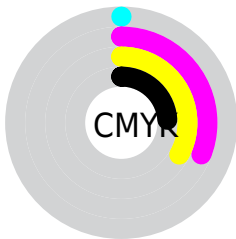
Blue (51%)



Red (76%)

Yellow (53%)

Blue (51%)

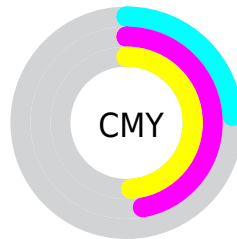


Cyan (0%)

Magenta (31%)

Yellow (33%)

Black (24%)



Cyan (24%)


Magenta (47%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9726, 0.3866, 0.3361 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 29.9726, 0.3866, 0.3361 by changing the saturation by 10% instead.


 29.9726, 0.3866,
0.3361


 29.9726, 0.3866,
0.3361


301.7767, 0.3466,
0.3333


 19.8178, 0.3977,
0.3365


 59.6188, 0.3713,
0.3353

 12.2627, 0.4126,
0.3367


 79.8791, 0.3657,
0.3349

 6.9228, 0.4338,
0.3364


 104.2766, 0.3612,
0.3346

 3.4139, 0.4658,
0.3348

133.1957, 0.3573,
0.3343

 1.3514, 0.5256,
0.3327

167.0209, 0.3540,
0.3340

 0.1805, 0.7968,
0.2032

206.1365, 0.3512,

 0.0000, 0.0000,

0.3337

0.0000

250.9270, 0.3487,
0.3335

■ 29.9726, 0.3866,
0.3361

■ 29.9726, 0.3866,
0.3361

■ 24.9991, 0.4202,
0.3383

■ 35.8722, 0.3588,
0.3339

■ 20.9007, 0.4598,
0.3400

■ 42.7371, 0.3361,
0.3317

■ 17.6280, 0.5040,
0.3411


■ 50.6095, 0.3178,
0.3296


■ 15.1248, 0.5495,
0.3410

■ 59.5276, 0.3029,
0.3277

■ 13.3280, 0.5906,
0.3393

■ 69.5279, 0.2908,
0.3260

 12.1644, 0.6209,
0.3362

 80.6449, 0.2808,
0.3245

 11.6825, 0.6344,
0.3344

 90.0757, 0.2768,
0.3289

Harmonies

Analogous

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



29.9726, 0.3588, 0.3043



29.9726, 0.3866, 0.3361



29.9726, 0.3928, 0.3683

Triad

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



29.9726, 0.3866, 0.3361



29.9726, 0.3027, 0.3876



29.9726, 0.2510, 0.2658

Complementary

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



29.9726, 0.3866, 0.3361



44.4605, 0.2652, 0.3217

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.



29.9726, 0.2384, 0.2828



29.9726, 0.3866, 0.3361



29.9726, 0.2668, 0.3541

Square

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



29.9726, 0.3866, 0.3361



29.9726, 0.3428, 0.4018



29.9726, 0.2439, 0.3146



29.9726, 0.2796, 0.2651

Rectangle

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



29.9726, 0.3866, 0.3361



29.9726, 0.3840, 0.3862



29.9726, 0.2439, 0.3146



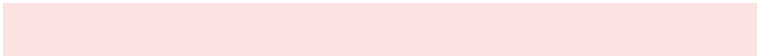
29.9726, 0.2448, 0.2697

Sweetspot

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



29.9740, 0.3866, 0.3361



80.6072, 0.3302, 0.3310



30.6923, 0.3208, 0.2525



16.8795, 0.3329, 0.3313



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.9740, 0.3866, 0.3361



46.8926, 0.4111, 0.3377



39.9204, 0.3730, 0.3775



10.2024, 0.3287, 0.3309



7.8195, 0.6333, 0.3353



0.3824, 0.6104, 0.3535

Inverse Universe

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



44.4605, 0.2652, 0.3217



76.8998, 0.2561, 0.3198



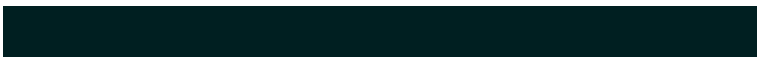
32.5326, 0.2593, 0.2749



11.2884, 0.2984, 0.3271



23.7442, 0.2179, 0.3045



1.0669, 0.2195, 0.3103

Previews

White Background



This preview shows how the Yxy color 29.9726, 0.3866, 0.3361 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 29.9726, 0.3866, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

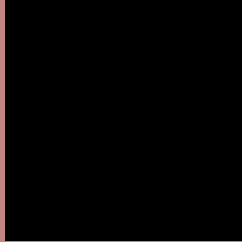
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.9726, 0.3866, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 29.9726, 0.3866, 0.3361.



This preview shows how white text looks on a background with the Yxy color 29.9726, 0.3866, 0.3361.

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

29.9726, 0.3866, 0.3361

Protanopia

30.2696, 0.3306, 0.3478

Deuteranopia

30.1368, 0.3599, 0.3545



Tritanopia

29.9249, 0.3732, 0.3156

Trichromacy



Original Color

29.9726, 0.3866, 0.3361

Protanomaly

30.1028, 0.3502, 0.3441

Deuteranomaly

29.8984, 0.3693, 0.3465

Tritanomaly

30.0505, 0.3787, 0.3238

Monochromacy



Original Color

29.9726, 0.3866, 0.3361

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.3410, 0.3372, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9726, 0.3866, 0.3361 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(193, 134, 129)` looks like.

```
.text, #text, p{  
    color:rgb(193, 134, 129)  
}
```

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(193, 134, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 134, 129) }
```

Border

The CSS property to change the border of an element to Yxy 29.9726, 0.3866, 0.3361 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(193, 134, 129) }
```

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

```
.border{ border-color:rgb(193, 134, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 134, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 134, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 134, 129);  
box-shadow:4px 4px 4px 4px rgb(193, 134,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9726, 0.3866, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 134, 129) }
```

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

```
.background{ background-color: rgb(193,  
134, 129) }
```

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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