

Converting Colors

$Yxy(30.2205, 0.2864, 0.3803)$

Have a look what the booklet for
Yxy(30.2205, 0.2864, 0.3803)
contains.

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Color

Yxy(30.1589, 0.2865, 0.3801)

Conversions

Conversions Part 1

Format	Color
Hex	69A184
RGB	105, 161, 132
RGB Percent	41%, 63%, 52%
CMY	0.5884, 0.3686, 0.4823
CMYK	0.35, 0.00, 0.18, 0.37
HSL	149°, 23%, 52%
HSV	149°, 35%, 63%
XYZ	22.7322, 30.1589, 26.4535
YIQ	140.9500, -24.0670, -20.8910

Conversions

Conversions Part 2

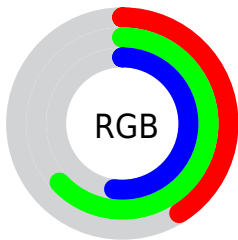
Format	Color
RYB	105, 143, 161
Decimal	6922628
CIELab	61.79, -24.94, 9.33
CIElCh	62, 26.629, 159.500
Yxy	30.1589, 0.2865, 0.3801
Android (android.graphics.Color)	4285112708 (0xFF69A184)
YUV	140.9500, -4.4123, -31.5281
Hunter-Lab	54.9171, -22.2172, 9.8821

Details

The Yxy color **30.1589, 0.2865, 0.3801** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.3943, 0.3513, 0.2833**, and the grayscale version is **26.6377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8836, 0.2922, 0.3691**, and **12.3461, 0.2757, 0.3981** is the 20% darker color. If you saturate the color by 10%, you get **29.0570, 0.2804, 0.3980**, and if you desaturate by 10%, it is **31.4661, 0.2935, 0.3636**.

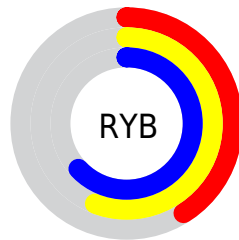
Distribution



Red (41%)

Green (63%)

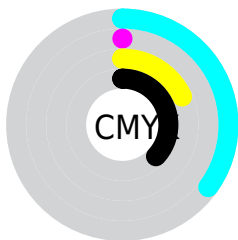
Blue (52%)



Red (41%)

Yellow (56%)

Blue (63%)

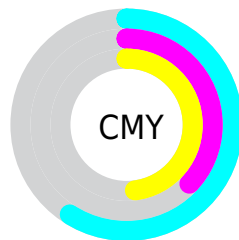


Cyan (35%)

Magenta (0%)

Yellow (18%)

Black (37%)



Cyan (59%)


Magenta (37%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1589, 0.2865, 0.3801 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 30.1589, 0.2865, 0.3801 by changing the saturation by 10% instead.

 30.1589, 0.2865,
0.3801


 30.1589, 0.2865,
0.3801


302.6444, 0.3010,
0.3518


 19.9592, 0.2824,
0.3882


 59.9134, 0.2921,
0.3691


 12.3654, 0.2767,
0.3995


 80.2370, 0.2941,
0.3652

 6.9931, 0.2684,
0.4158


 104.7040, 0.2958,
0.3620

 3.4578, 0.2552,
0.4420

 133.6989, 0.2972,
0.3593

 1.3751, 0.2276,
0.4953

167.6059, 0.2983,
0.3570

 0.1983, 0.0000,
1.0000

206.8096, 0.2993,

 0.0000, 0.0000,

0.3550

0.0000

251.6943, 0.3002,
0.3533

■ 30.1589, 0.2865,
0.3801

■ 30.1589, 0.2865,
0.3801

■ 29.0570, 0.2804,
0.3980

■ 31.4661, 0.2935,
0.3636

■ 28.1458, 0.2754,
0.4169

■ 32.9848, 0.3010,
0.3486

■ 27.4146, 0.2719,
0.4366

■ 34.7257, 0.3089,
0.3350

■ 26.8500, 0.2701,
0.4567


■ 36.6976, 0.3168,
0.3229

■ 26.4368, 0.2702,
0.4764


■ 38.9088, 0.3247,
0.3122

 26.1562, 0.2722,
0.4953

 41.3671, 0.3325,
0.3027

 26.0385, 0.2736,
0.5048

 44.0801, 0.3399,
0.2944

 47.0549, 0.3471,
0.2872

 50.2985, 0.3540,
0.2809

Harmonies

Analogous

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



30.1589, 0.3288, 0.4041



30.1589, 0.2865, 0.3801



30.1589, 0.2528, 0.3397

Triad

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



30.1589, 0.2865, 0.3801



30.1589, 0.2567, 0.2597



30.1589, 0.3969, 0.3494

Complementary

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



30.1589, 0.2865, 0.3801



19.3943, 0.3513, 0.2833

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.



30.1589, 0.3751, 0.3148



30.1589, 0.2865, 0.3801



30.1589, 0.2921, 0.2651

Square

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



30.1589, 0.2865, 0.3801



30.1589, 0.2367, 0.2710



30.1589, 0.3357, 0.2848



30.1589, 0.3940, 0.3818

Rectangle

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



30.1589, 0.2865, 0.3801



30.1589, 0.2391, 0.3118



30.1589, 0.3357, 0.2848



30.1589, 0.3922, 0.3377

Sweetspot

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



30.1601, 0.2865, 0.3801



60.4556, 0.3046, 0.3421



31.6511, 0.3366, 0.4218



13.1702, 0.3036, 0.3439



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



30.1601, 0.2865, 0.3801



52.4027, 0.2815, 0.3942



31.0022, 0.2660, 0.3320



7.9493, 0.3054, 0.3409



20.8017, 0.2732, 0.5034



0.4466, 0.2541, 0.4347

Inverse Universe

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



19.3943, 0.3513, 0.2833



30.0924, 0.3638, 0.2727



18.7319, 0.3900, 0.3262



7.1443, 0.3208, 0.3174



6.5627, 0.4847, 0.2444



0.1474, 0.4113, 0.2039

Previews

White Background



This preview shows how the Yxy color 30.1589, 0.2865, 0.3801 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.1589, 0.2865, 0.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

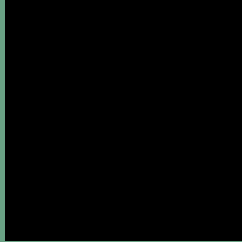
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1589, 0.2865, 0.3801

Background



This preview shows how black text looks on a background with the Yxy color 30.1589, 0.2865, 0.3801.



This preview shows how white text looks on a background with the Yxy color 30.1589, 0.2865, 0.3801.

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

30.1589, 0.2865, 0.3801

Protanopia

29.8543, 0.3441, 0.3635

Deuteranopia

29.7473, 0.3472, 0.3396



Tritanopia

30.1148, 0.2646, 0.3092

Trichromacy



Original Color

30.1589, 0.2865, 0.3801

Protanomaly

29.7443, 0.3208, 0.3703

Deuteranomaly

29.5817, 0.3219, 0.3532

Tritanomaly

30.1353, 0.2723, 0.3339

Monochromacy



Original Color

30.1589, 0.2865, 0.3801

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.6040, 0.3018, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1589, 0.2865, 0.3801 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(105, 161, 132)` looks like.

```
.text, #text, p{  
    color:rgb(105, 161, 132)  
}
```

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(105, 161, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 161, 132) }
```

Border

The CSS property to change the border of an element to Yxy 30.1589, 0.2865, 0.3801 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(105, 161, 132) }
```

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

```
.border{ border-color:rgb(105, 161, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 161, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 161, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 161, 132); box-shadow:4px 4px 4px 4px rgb(105, 161, 132) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1589, 0.2865, 0.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 161, 132) }
```

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

```
.background{ background-color: rgb(105,  
161, 132) }
```

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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