

Converting Colors

Yxy(36.4391, 0.2879, 0.4036)

Have a look what the booklet for
Yxy(36.4391, 0.2879, 0.4036)
contains.

Yxy(36.5984, 0.2881, 0.4041)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.5984, 0.2881, 0.4041)

Conversions

Conversions Part 1

Format	Color
Hex	6AB285
RGB	106, 178, 133
RGB Percent	42%, 70%, 52%
CMY	0.5845, 0.3019, 0.4785
CMYK	0.40, 0.00, 0.25, 0.30
HSL	143°, 32%, 56%
HSV	143°, 40%, 70%
XYZ	26.0925, 36.5984, 27.8767
YIQ	151.3420, -28.4670, -29.2590

Conversions

Conversions Part 2

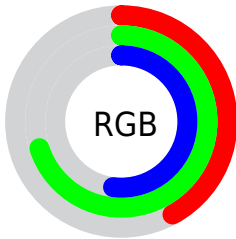
Format	Color
RYB	106, 158, 178
Decimal	6992517
CIELab	66.97, -32.69, 16.06
CIElCh	67, 36.423, 153.831
Yxy	36.5984, 0.2881, 0.4041
Android (android.graphics.Color)	4285182597 (0xFF6AB285)
YUV	151.3420, -9.0426, -39.7649
Hunter-Lab	60.4966, -28.8810, 15.0269

Details

The Yxy color **36.5984, 0.2881, 0.4041** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.9965, 0.3503, 0.2648**, and the grayscale version is **31.1455, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8644, 0.2936, 0.3886**, and **16.0486, 0.2790, 0.4320** is the 20% darker color. If you saturate the color by 10%, you get **35.3296, 0.2836, 0.4269**, and if you desaturate by 10%, it is **38.1291, 0.2935, 0.3827**.

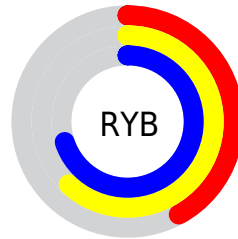
Distribution



Red (42%)

Green (70%)

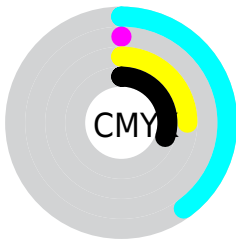
Blue (52%)



Red (42%)

Yellow (62%)

Blue (70%)

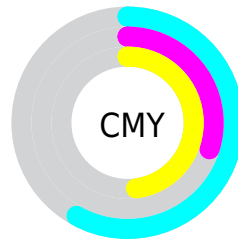


Cyan (40%)

Magenta (0%)

Yellow (25%)

Black (30%)



Cyan (58%)

Magenta (30%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.5984, 0.2881, 0.4041 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 36.5984, 0.2881, 0.4041 by changing the saturation by 10% instead.


 36.5984, 0.2881,
0.4041


 36.5984, 0.2881,
0.4041


331.5685, 0.3018,
0.3632


 24.8967, 0.2842,
0.4155


 69.9547, 0.2934,
0.3884

 16.0001, 0.2787,
0.4310


 92.3781, 0.2953,
0.3828

 9.5242, 0.2709,
0.4530


 119.1441, 0.2969,
0.3781

 5.0847, 0.2585,
0.4869

 150.6373, 0.2982,
0.3742

 2.2970, 0.2364,
0.5447

187.2419, 0.2993,
0.3708

 0.7721, 0.0000,
1.0000

229.3424, 0.3002,

 0.0000, 0.0000,

0.3680

0.0000

277.3231, 0.3011,
0.3654

■ 36.5984, 0.2881,
0.4041

■ 36.5984, 0.2881,
0.4041

■ 35.3296, 0.2836,
0.4269

■ 38.1291, 0.2935,
0.3827

■ 34.3030, 0.2803,
0.4508

■ 39.9311, 0.2996,
0.3632

■ 33.5033, 0.2785,
0.4749


■ 42.0186, 0.3059,
0.3455


■ 32.9117, 0.2785,
0.4984

■ 44.4038, 0.3124,
0.3297

■ 32.5058, 0.2803,
0.5204

■ 47.0979, 0.3188,
0.3158

 32.2488, 0.2832,
0.5393

 50.1117, 0.3251,
0.3035

 53.4554, 0.3312,
0.2928

 57.1387, 0.3370,
0.2834

 58.9932, 0.3334,
0.2736

Harmonies

Analogous

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



36.5984, 0.3422, 0.4289



36.5984, 0.2881, 0.4041



36.5984, 0.2431, 0.3528

Triad

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



36.5984, 0.2881, 0.4041



36.5984, 0.2356, 0.2429



36.5984, 0.4180, 0.3447

Complementary

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



36.5984, 0.2881, 0.4041



21.9965, 0.3503, 0.2648

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.



36.5984, 0.3845, 0.3026



36.5984, 0.2881, 0.4041



36.5984, 0.2764, 0.2465

Square

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



36.5984, 0.2881, 0.4041



36.5984, 0.2153, 0.2600



36.5984, 0.3309, 0.2678



36.5984, 0.4196, 0.3869

Rectangle

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



36.5984, 0.2881, 0.4041



36.5984, 0.2236, 0.3155



36.5984, 0.3309, 0.2678



36.5984, 0.4101, 0.3303

Sweetspot

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



36.5999, 0.2881, 0.4041



75.4962, 0.3048, 0.3484



39.5210, 0.3469, 0.4367



16.6147, 0.3040, 0.3506



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



36.5999, 0.2881, 0.4041



64.1912, 0.2838, 0.4255



37.7488, 0.2640, 0.3441



9.5411, 0.3067, 0.3436



23.0821, 0.2826, 0.5372



0.7378, 0.2661, 0.4778

Inverse Universe

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



21.9965, 0.3503, 0.2648



33.8929, 0.3626, 0.2506



21.0139, 0.3994, 0.3151



8.5915, 0.3193, 0.3149



7.6090, 0.4418, 0.2208



0.2503, 0.4001, 0.1977

Previews

White Background



This preview shows how the Yxy color 36.5984, 0.2881, 0.4041 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 36.5984, 0.2881, 0.4041 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 36.5984, 0.2881, 0.4041

Background



This preview shows how black text looks on a background with the Yxy color 36.5984, 0.2881, 0.4041.



This preview shows how white text looks on a background with the Yxy color 36.5984, 0.2881, 0.4041.

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

36.5984, 0.2881, 0.4041

Protanopia

36.2056, 0.3576, 0.3825

Deuteranopia

36.0510, 0.3606, 0.3540



Tritanopia

36.4802, 0.2596, 0.3076

Trichromacy



Original Color

36.5984, 0.2881, 0.4041

Protanomaly

35.9533, 0.3292, 0.3907

Deuteranomaly

35.4966, 0.3308, 0.3713

Tritanomaly

36.6027, 0.2702, 0.3415

Monochromacy



Original Color

36.5984, 0.2881, 0.4041

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

32.6543, 0.3030, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5984, 0.2881, 0.4041 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(106, 178, 133)` looks like.

```
.text, #text, p{  
    color:rgb(106, 178, 133)  
}
```

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(106, 178, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 178, 133) }
```

Border

The CSS property to change the border of an element to Yxy 36.5984, 0.2881, 0.4041 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(106, 178, 133) }
```

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

```
.border{ border-color:rgb(106, 178, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 178, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 178, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 178, 133);  
box-shadow:4px 4px 4px 4px rgb(106, 178,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5984, 0.2881, 0.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 178, 133) }
```

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

```
.background{ background-color: rgb(106,  
178, 133) }
```

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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