

Converting Colors

$Yxy(33.0616, 0.2953, 0.3465)$

Have a look what the booklet for
Yxy(33.0616, 0.2953, 0.3465)
contains.

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Color

Yxy(33.0616, 0.2953, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	85A297
RGB	133, 162, 151
RGB Percent	52%, 64%, 59%
CMY	0.4785, 0.3647, 0.4078
CMYK	0.18, 0.00, 0.07, 0.36
HSL	157°, 14%, 58%
HSV	157°, 18%, 64%
XYZ	28.1763, 33.0616, 34.1780
YIQ	152.0750, -13.7530, -9.5690

Conversions

Conversions Part 2

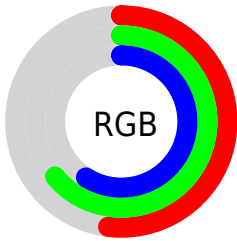
Format	Color
RYB	133, 151, 162
Decimal	8757911
CIELab	64.21, -12.35, 2.37
CIELCh	64, 12.572, 169.126
Yxy	33.0616, 0.2953, 0.3465
Android (android.graphics.Color)	4286947991 (0xFF85A297)
YUV	152.0750, -0.5300, -16.7288
Hunter-Lab	57.4992, -13.1534, 5.0070

Details

The Yxy color **33.0616, 0.2953, 0.3465** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.4628, 0.3341, 0.3122**, and the grayscale version is **31.4390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4726, 0.2986, 0.3433**, and **13.9110, 0.2898, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **31.6505, 0.2862, 0.3577**, and if you desaturate by 10%, it is **34.6892, 0.3049, 0.3363**.

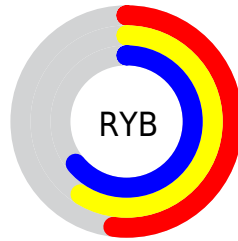
Distribution



Red (52%)

Green (64%)

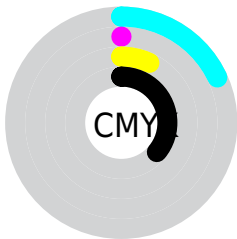
Blue (59%)



Red (52%)

Yellow (59%)

Blue (64%)

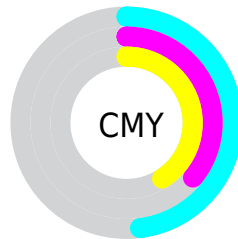


Cyan (18%)

Magenta (0%)

Yellow (7%)

Black (36%)



Cyan (48%)


Magenta (36%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0616, 0.2953, 0.3465 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 33.0616, 0.2953, 0.3465 by changing the saturation by 10% instead.


 33.0616, 0.2953,
0.3465


 33.0616, 0.2953,
0.3465


315.9272, 0.3046,
0.3372


 22.1736, 0.2928,
0.3491


 64.4717, 0.2988,
0.3429

 13.9845, 0.2894,
0.3525


 85.7626, 0.3001,
0.3417

 8.1099, 0.2847,
0.3573


 111.2900, 0.3011,
0.3406

 4.1654, 0.2777,
0.3647

141.4382, 0.3020,
0.3397

 1.7665, 0.2658,
0.3771

176.5916, 0.3028,
0.3389

 0.4662, 0.1492,
0.4909

217.1346, 0.3035,

 0.0000, 0.0000,

0.3383

0.0000

263.4517, 0.3040,
0.3377

■ 33.0616, 0.2953,
0.3465

■ 33.0616, 0.2953,
0.3465

■ 31.6505, 0.2862,
0.3577

■ 34.6892, 0.3049,
0.3363

■ 30.4423, 0.2780,
0.3698

■ 36.5381, 0.3148,
0.3272

■ 29.4282, 0.2708,
0.3828

■ 38.6179, 0.3248,
0.3190

■ 28.5972, 0.2650,
0.3965

■ 40.9366, 0.3347,
0.3117

■ 27.9371, 0.2609,
0.4108

■ 43.5017, 0.3444,
0.3054

■ 27.4339, 0.2587,
0.4252

■ 46.3203, 0.3538,
0.2997

■ 27.0719, 0.2584,
0.4397

■ 49.3993, 0.3629,
0.2948

■ 26.8232, 0.2599,
0.4539

■ 51.2793, 0.3648,
0.2896

■ 26.7764, 0.2602,
0.4568

■ 51.5723, 0.3590,
0.2834

Harmonies

Analogous

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



33.0616, 0.3145, 0.3597



33.0616, 0.2953, 0.3465



33.0616, 0.2811, 0.3284

Triad

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



33.0616, 0.2953, 0.3465



33.0616, 0.2915, 0.2959



33.0616, 0.3518, 0.3449

Complementary

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



33.0616, 0.2953, 0.3465



26.4628, 0.3341, 0.3122

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.



33.0616, 0.3453, 0.3283



33.0616, 0.2953, 0.3465



33.0616, 0.3100, 0.3007

Square

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



33.0616, 0.2953, 0.3465



33.0616, 0.2789, 0.2996



33.0616, 0.3298, 0.3123



33.0616, 0.3474, 0.3581

Rectangle

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



33.0616, 0.2953, 0.3465



33.0616, 0.2761, 0.3165



33.0616, 0.3298, 0.3123



33.0616, 0.3508, 0.3395

Sweetspot

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



33.0630, 0.2953, 0.3465



63.8754, 0.3077, 0.3336



33.4753, 0.3212, 0.3749



14.2972, 0.3070, 0.3343



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



33.0630, 0.2953, 0.3465



58.8163, 0.2911, 0.3514



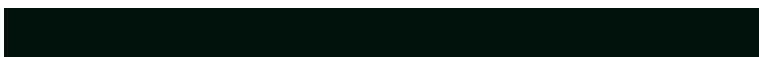
32.2597, 0.2861, 0.3236



7.9655, 0.3036, 0.3377



21.1010, 0.2599, 0.4556



0.4521, 0.2456, 0.4041

Inverse Universe

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



26.4628, 0.3341, 0.3122



44.2943, 0.3407, 0.3077



27.0851, 0.3455, 0.3344



7.1283, 0.3228, 0.3205



6.3281, 0.5417, 0.2758



0.1420, 0.4487, 0.2245

Previews

White Background



This preview shows how the Yxy color 33.0616, 0.2953, 0.3465 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 33.0616, 0.2953, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

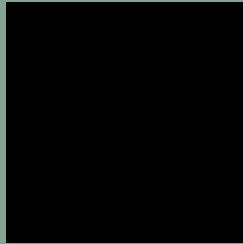
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0616, 0.2953, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 33.0616, 0.2953, 0.3465.



This preview shows how white text looks on a background with the Yxy color 33.0616, 0.2953, 0.3465.

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

33.0616, 0.2953, 0.3465

Protanopia

33.0229, 0.3252, 0.3411

Deuteranopia

32.7705, 0.3315, 0.3247



Tritanopia

33.0932, 0.2817, 0.3090

Trichromacy



Original Color

33.0616, 0.2953, 0.3465

Protanomaly

33.0759, 0.3139, 0.3444

Deuteranomaly

32.5463, 0.3176, 0.3320

Tritanomaly

33.0562, 0.2873, 0.3227

Monochromacy



Original Color

33.0616, 0.2953, 0.3465

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.0637, 0.3056, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0616, 0.2953, 0.3465 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(133, 162, 151)` looks like.

```
.text, #text, p{  
    color:rgb(133, 162, 151)  
}
```

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(133, 162, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 162, 151) }
```

Border

The CSS property to change the border of an element to Yxy 33.0616, 0.2953, 0.3465 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(133, 162, 151) }
```

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

```
.border{ border-color:rgb(133, 162, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 162, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 162, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 162, 151);  
box-shadow:4px 4px 4px 4px rgb(133, 162,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0616, 0.2953, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 162, 151) }
```

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

```
.background{ background-color: rgb(133,  
162, 151) }
```

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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