

Converting Colors

$Yxy(33.1798, 0.2928, 0.3959)$

Have a look what the booklet for
Yxy(33.1798, 0.2928, 0.3959)
contains.

Yxy(33.3026, 0.2927, 0.3955)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.3026, 0.2927, 0.3955)

Conversions

Conversions Part 1

Format	Color
Hex	6EA982
RGB	110, 169, 130
RGB Percent	43%, 66%, 51%
CMY	0.5687, 0.3372, 0.4901
CMYK	0.35, 0.00, 0.23, 0.34
HSL	140°, 26%, 55%
HSV	140°, 35%, 66%
XYZ	24.6465, 33.3026, 26.2547
YIQ	146.9130, -22.6450, -24.6370

Conversions

Conversions Part 2

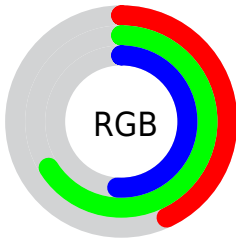
Format	Color
RYB	110, 154, 169
Decimal	7252354
CIELab	64.41, -27.73, 14.15
CIELCh	64, 31.132, 152.974
Yxy	33.3026, 0.2927, 0.3955
Android (android.graphics.Color)	4285442434 (0xFF6EA982)
YUV	146.9130, -8.3381, -32.3727
Hunter-Lab	57.7084, -24.7549, 13.4216

Details

The Yxy color **33.3026, 0.2927, 0.3955** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.7515, 0.3408, 0.2709**, and the grayscale version is **29.1810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.0559, 0.2969, 0.3820**, and **14.0147, 0.2843, 0.4179** is the 20% darker color. If you saturate the color by 10%, you get **32.0378, 0.2880, 0.4188**, and if you desaturate by 10%, it is **34.8094, 0.2981, 0.3740**.

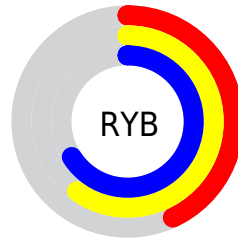
Distribution



Red (43%)

Green (66%)

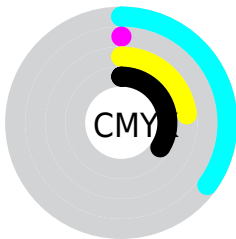
Blue (51%)



Red (43%)

Yellow (60%)

Blue (66%)

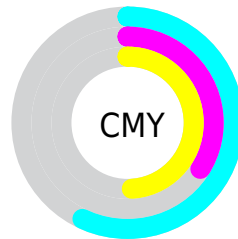


Cyan (35%)

Magenta (0%)

Yellow (23%)

Black (34%)



Cyan (57%)


Magenta (34%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.3026, 0.2927, 0.3955 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 33.3026, 0.2927, 0.3955 by changing the saturation by 10% instead.


 33.3026, 0.2927,
0.3955


 33.3026, 0.2927,
0.3955

317.0111, 0.3040,
0.3590

 22.3584, 0.2894,
0.4059


 64.8477, 0.2971,
0.3813

 14.1205, 0.2848,
0.4201


 86.2173, 0.2987,
0.3763

 8.2045, 0.2780,
0.4405

 111.8308, 0.3000,
0.3721

 4.2261, 0.2670,
0.4726

 142.0727, 0.3010,
0.3687

 1.8008, 0.2476,
0.5317

177.3272, 0.3019,
0.3657

 0.4877, 0.0000,
1.0000

217.9789, 0.3027,

 0.0000, 0.0000,

0.3631

0.0000

264.4120, 0.3034,
0.3609

■ 33.3026, 0.2927,
0.3955

■ 33.3026, 0.2927,
0.3955

■ 32.0378, 0.2880,
0.4188

■ 34.8094, 0.2981,
0.3740

■ 30.9982, 0.2843,
0.4434

■ 36.5659, 0.3038,
0.3544

■ 30.1708, 0.2818,
0.4686


■ 38.5845, 0.3098,
0.3369


■ 29.5402, 0.2810,
0.4936

■ 40.8757, 0.3157,
0.3214

■ 29.0882, 0.2818,
0.5173

■ 43.4492, 0.3216,
0.3077

 28.7929, 0.2843,
0.5386

 46.3143, 0.3272,
0.2957

 28.6774, 0.2857,
0.5485

 49.4800, 0.3325,
0.2853

 52.9547, 0.3376,
0.2762

 55.3783, 0.3365,
0.2670

Harmonies

Analogous

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



33.3026, 0.3408, 0.4167



33.3026, 0.2927, 0.3955



33.3026, 0.2521, 0.3516

Triad

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



33.3026, 0.2927, 0.3955



33.3026, 0.2433, 0.2524



33.3026, 0.4050, 0.3427

Complementary

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



33.3026, 0.2927, 0.3955



21.7515, 0.3408, 0.2709

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.



33.3026, 0.3748, 0.3048



33.3026, 0.2927, 0.3955



33.3026, 0.2795, 0.2548

Square

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



33.3026, 0.2927, 0.3955



33.3026, 0.2254, 0.2688



33.3026, 0.3276, 0.2736



33.3026, 0.4076, 0.3804

Rectangle

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



33.3026, 0.2927, 0.3955



33.3026, 0.2340, 0.3190



33.3026, 0.3276, 0.2736



33.3026, 0.3977, 0.3297

Sweetspot

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



33.3040, 0.2927, 0.3955



67.1389, 0.3066, 0.3458



35.9241, 0.3445, 0.4201



14.5288, 0.3058, 0.3482



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



33.3040, 0.2927, 0.3955



57.8314, 0.2890, 0.4136



34.2008, 0.2712, 0.3449



8.4482, 0.3072, 0.3443



21.3806, 0.2852, 0.5466



0.5297, 0.2658, 0.4770

Inverse Universe

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



21.7515, 0.3408, 0.2709



33.9675, 0.3493, 0.2579



20.9343, 0.3797, 0.3140



7.6227, 0.3187, 0.3142



7.1624, 0.4275, 0.2129



0.1832, 0.3846, 0.1892

Previews

White Background



This preview shows how the Yxy color 33.3026, 0.2927, 0.3955 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 33.3026, 0.2927, 0.3955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

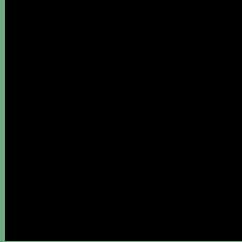
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.3026, 0.2927, 0.3955

Background



This preview shows how black text looks on a background with the Yxy color 33.3026, 0.2927, 0.3955.



This preview shows how white text looks on a background with the Yxy color 33.3026, 0.2927, 0.3955.

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

33.3026, 0.2927, 0.3955

Protanopia

32.8721, 0.3536, 0.3772

Deuteranopia

32.9989, 0.3582, 0.3521



Tritanopia

33.3220, 0.2656, 0.3085

Trichromacy



Original Color

33.3026, 0.2927, 0.3955

Protanomaly

32.6677, 0.3286, 0.3832

Deuteranomaly

32.5797, 0.3309, 0.3663

Tritanomaly

33.1265, 0.2752, 0.3387

Monochromacy



Original Color

33.3026, 0.2927, 0.3955

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

30.4341, 0.3048, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3026, 0.2927, 0.3955 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(110, 169, 130)` looks like.

```
.text, #text, p{  
    color:rgb(110, 169, 130)  
}
```

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(110, 169, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 169, 130) }
```

Border

The CSS property to change the border of an element to Yxy 33.3026, 0.2927, 0.3955 is called "border". The border property can be set on classes, ids or directly on the HTML element.

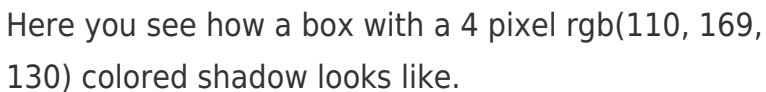
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 169, 130) }
```

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

```
.border{ border-color:rgb(110, 169, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 169, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 169, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 169, 130); box-shadow:4px 4px 4px 4px rgb(110, 169, 130) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3026, 0.2927, 0.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 169, 130) }
```

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

```
.background{ background-color: rgb(110,  
169, 130) }
```

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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