

Converting Colors

$Yxy(36.6059, 0.2821, 0.3915)$

Have a look what the booklet for
Yxy(36.6059, 0.2821, 0.3915)
contains.

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Color

Yxy(36.7375, 0.2825, 0.3920)

Conversions

Conversions Part 1

Format	Color
Hex	69B28C
RGB	105, 178, 140
RGB Percent	41%, 70%, 55%
CMY	0.5884, 0.3019, 0.4510
CMYK	0.41, 0.00, 0.21, 0.30
HSL	149°, 32%, 55%
HSV	149°, 41%, 70%
XYZ	26.4754, 36.7375, 30.5052
YIQ	151.8410, -31.3100, -27.2940

Conversions

Conversions Part 2

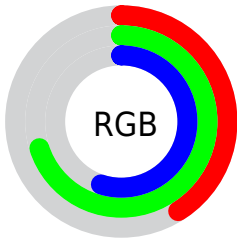
Format	Color
RYB	105, 154, 178
Decimal	6926988
CIELab	67.08, -31.56, 12.37
CIElCh	67, 33.899, 158.594
Yxy	36.7375, 0.2825, 0.3920
Android (android.graphics.Color)	4285117068 (0xFF69B28C)
YUV	151.8410, -5.8376, -41.0796
Hunter-Lab	60.6115, -28.1005, 12.5879

Details

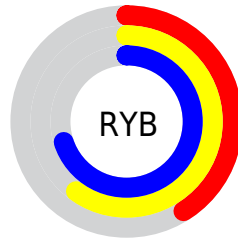
The Yxy color **36.7375, 0.2825, 0.3920** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.5423, 0.3611, 0.2743**, and the grayscale version is **31.3592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1116, 0.2885, 0.3783**, and **16.1355, 0.2720, 0.4142** is the 20% darker color. If you saturate the color by 10%, you get **35.5103, 0.2771, 0.4109**, and if you desaturate by 10%, it is **38.2163, 0.2890, 0.3744**.

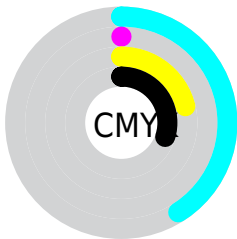
Distribution



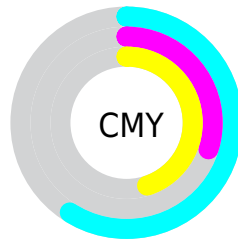
- Red (41%)
- Green (70%)
- Blue (55%)



- Red (41%)
- Yellow (60%)
- Blue (70%)



- Cyan (41%)
- Magenta (0%)
- Yellow (21%)
- Black (30%)





- Cyan (59%)
- Magenta (30%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.7375, 0.2825, 0.3920 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 36.7375, 0.2825, 0.3920 by changing the saturation by 10% instead.


 36.7375, 0.2825,
0.3920


 36.7375, 0.2825,
0.3920


332.1726, 0.2988,
0.3579

 25.0043, 0.2780,
0.4014


 70.1689, 0.2887,
0.3790

 16.0803, 0.2719,
0.4142


 92.6359, 0.2910,
0.3743

 9.5810, 0.2632,
0.4323


 119.4495, 0.2929,
0.3704

 5.1220, 0.2500,
0.4600

 150.9944, 0.2944,
0.3671

 2.3190, 0.2276,
0.5072

187.6547, 0.2958,
0.3643

 0.7838, 0.0000,
1.0000

229.8149, 0.2969,

 0.0000, 0.0000,

0.3619

0.0000

277.8594, 0.2979,
0.3598

■ 36.7375, 0.2825,
0.3920

■ 36.7375, 0.2825,
0.3920

■ 35.5103, 0.2771,
0.4109

■ 38.2163, 0.2890,
0.3744

■ 34.5154, 0.2730,
0.4306

■ 39.9557, 0.2962,
0.3582

■ 33.7379, 0.2707,
0.4509


■ 41.9697, 0.3040,
0.3435

■ 33.1592, 0.2702,
0.4710


■ 44.2699, 0.3119,
0.3303

■ 32.7574, 0.2717,
0.4905

■ 46.8675, 0.3199,
0.3186

 32.5072, 0.2742,
0.5071

 49.7727, 0.3277,
0.3082

 52.9955, 0.3354,
0.2991

 56.5453, 0.3427,
0.2912

 58.4522, 0.3414,
0.2829

Harmonies

Analogous

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



36.7375, 0.3325, 0.4199



36.7375, 0.2825, 0.3920



36.7375, 0.2427, 0.3429

Triad

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



36.7375, 0.2825, 0.3920



36.7375, 0.2455, 0.2477



36.7375, 0.4129, 0.3507

Complementary

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



36.7375, 0.2825, 0.3920



21.5423, 0.3611, 0.2743

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.



36.7375, 0.3860, 0.3105



36.7375, 0.2825, 0.3920



36.7375, 0.2865, 0.2538

Square

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



36.7375, 0.2825, 0.3920



36.7375, 0.2231, 0.2608



36.7375, 0.3382, 0.2762



36.7375, 0.4097, 0.3893

Rectangle

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



36.7375, 0.2825, 0.3920



36.7375, 0.2265, 0.3091



36.7375, 0.3382, 0.2762



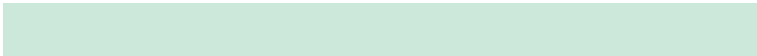
36.7375, 0.4071, 0.3371

Sweetspot

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



36.7390, 0.2825, 0.3920



75.6466, 0.3030, 0.3451



38.7860, 0.3404, 0.4407



16.6511, 0.3020, 0.3469



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.



36.7390, 0.2825, 0.3920



64.6299, 0.2776, 0.4086



37.9634, 0.2588, 0.3326



9.5557, 0.3053, 0.3411



23.2687, 0.2736, 0.5050



0.7439, 0.2588, 0.4518

Inverse Universe

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



21.5423, 0.3611, 0.2743



33.3972, 0.3764, 0.2630



20.6298, 0.4118, 0.3257



8.5767, 0.3208, 0.3172



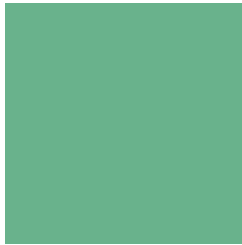
7.3457, 0.4844, 0.2442



0.2428, 0.4272, 0.2127

Previews

White Background



This preview shows how the Yxy color 36.7375, 0.2825, 0.3920 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 36.7375, 0.2825, 0.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

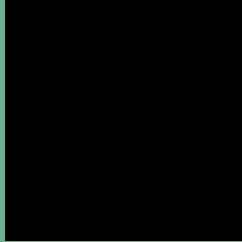
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7375, 0.2825, 0.3920

Background



This preview shows how black text looks on a background with the Yxy color 36.7375, 0.2825, 0.3920.



This preview shows how white text looks on a background with the Yxy color 36.7375, 0.2825, 0.3920.

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

36.7375, 0.2825, 0.3920

Protanopia

36.2773, 0.3500, 0.3724

Deuteranopia

36.4726, 0.3523, 0.3457



Tritanopia

36.7632, 0.2579, 0.3076

Trichromacy



Original Color

36.7375, 0.2825, 0.3920

Protanomaly

36.0504, 0.3223, 0.3799

Deuteranomaly

35.9614, 0.3234, 0.3621

Tritanomaly

36.5814, 0.2668, 0.3368

Monochromacy



Original Color

36.7375, 0.2825, 0.3920

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.7788, 0.2996, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7375, 0.2825, 0.3920 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, 178, 140)` looks like.

```
.text, #text, p{  
    color:rgb(105, 178, 140)  
}
```

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, 178, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 178, 140) }
```

Border

The CSS property to change the border of an element to Yxy 36.7375, 0.2825, 0.3920 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, 178, 140) }
```

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

```
.border{ border-color:rgb(105, 178, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 178, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 178, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 178, 140);  
box-shadow:4px 4px 4px 4px rgb(105, 178,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7375, 0.2825, 0.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 178, 140) }
```

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

```
.background{ background-color: rgb(105,  
178, 140) }
```

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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