

Converting Colors

$Y_{xy}(10.8631, 0.2885, 0.4225)$

Have a look what the booklet for
Yxy(10.8631, 0.2885, 0.4225)
contains.

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Color

Yxy(10.9270, 0.2885, 0.4217)

Conversions

Conversions Part 1

Format	Color
Hex	366746
RGB	54, 103, 70
RGB Percent	21%, 40%, 27%
CMY	0.7884, 0.5960, 0.7255
CMYK	0.48, 0.00, 0.32, 0.60
HSL	140°, 31%, 31%
HSV	140°, 48%, 40%
XYZ	7.4756, 10.9270, 7.5092
YIQ	84.5870, -18.6110, -20.6510

Conversions

Conversions Part 2

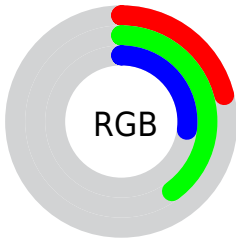
Format	Color
RYB	54, 91, 103
Decimal	3565382
CIELab	39.46, -24.81, 13.60
CIElCh	39, 28.296, 151.277
Yxy	10.9270, 0.2885, 0.4217
Android (android.graphics.Color)	4281755462 (0xFF366746)
YUV	84.5870, -7.1914, -26.8248
Hunter-Lab	33.0560, -17.4806, 9.6705

Details

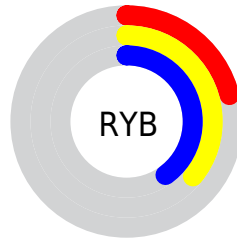
The Yxy color **10.9270, 0.2885, 0.4217** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6.2066, 0.3510, 0.2524**, and the grayscale version is **9.0102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.3623, 0.2966, 0.3952**, and **2.8199, 0.2703, 0.4832** is the 20% darker color. If you saturate the color by 10%, you get **10.5897, 0.2851, 0.4456**, and if you desaturate by 10%, it is **11.3357, 0.2928, 0.3990**.

Distribution



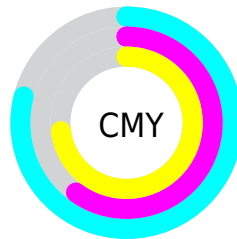
- Red (21%)
- Green (40%)
- Blue (27%)



- Red (21%)
- Yellow (36%)
- Blue (40%)



- Cyan (48%)
- Magenta (0%)
- Yellow (32%)
- Black (60%)





- Cyan (79%)
- Magenta (60%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9270, 0.2885, 0.4217 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 10.9270, 0.2885, 0.4217 by changing the saturation by 10% instead.


 10.9270, 0.2885,
0.4217

 10.9270, 0.2885,
0.4217

197.1660, 0.3047,
0.3619


 6.0178, 0.2817,
0.4449

 27.5251, 0.2960,
0.3951


 2.8559, 0.2698,
0.4830


 39.9828, 0.2982,
0.3868

 1.0570, 0.2381,
0.6462

 55.7253, 0.3000,
0.3803

 0.0000, 0.0000,
0.0000

 75.1373, 0.3013,
0.3752

 98.6029, 0.3024,
0.3709

 126.5066, 0.3033,

0.3674

159.2329, 0.3041,
0.3644

■ 10.9270, 0.2885,
0.4217

■ 10.9270, 0.2885,
0.4217

■ 10.5897, 0.2851,
0.4456

■ 11.3357, 0.2928,
0.3990

■ 10.3182, 0.2828,
0.4701

■ 11.8183, 0.2977,
0.3778

■ 10.1083, 0.2819,
0.4943


■ 12.3789, 0.3030,
0.3585


■ 9.9549, 0.2825,
0.5174

■ 13.0206, 0.3085,
0.3410

■ 9.8412, 0.2840,
0.5385


■ 13.7466, 0.3140,
0.3254

 9.8157, 0.2843,
0.5434

 14.5600, 0.3195,
0.3116

 15.4634, 0.3247,
0.2995

 16.4597, 0.3298,
0.2888

 17.5513, 0.3346,
0.2794

Harmonies

Analogous

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



10.9270, 0.3508, 0.4465



10.9270, 0.2885, 0.4217



10.9270, 0.2358, 0.3621

Triad

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



10.9270, 0.2885, 0.4217



10.9270, 0.2214, 0.2311



10.9270, 0.4333, 0.3414

Complementary

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



10.9270, 0.2885, 0.4217



6.2066, 0.3510, 0.2524

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.



10.9270, 0.3914, 0.2944



10.9270, 0.2885, 0.4217



10.9270, 0.2657, 0.2337

Square

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



10.9270, 0.2885, 0.4217



10.9270, 0.2007, 0.2517



10.9270, 0.3277, 0.2564



10.9270, 0.4376, 0.3900

Rectangle

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



10.9270, 0.2885, 0.4217



10.9270, 0.2126, 0.3177



10.9270, 0.3277, 0.2564



10.9270, 0.4230, 0.3252

Sweetspot

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



10.9275, 0.2885, 0.4217



22.5140, 0.3048, 0.3527



12.0173, 0.3540, 0.4482



5.4486, 0.3039, 0.3556



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



10.9275, 0.2885, 0.4217



18.9020, 0.2848, 0.4482



11.2937, 0.2621, 0.3527



3.1560, 0.3078, 0.3432



12.3414, 0.2849, 0.5456



64.2208, 0.2877, 0.5558

Inverse Universe

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



6.2066, 0.3510, 0.2524



9.3260, 0.3636, 0.2364



5.8773, 0.4087, 0.3076



2.8746, 0.3180, 0.3152



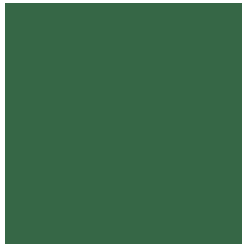
4.1670, 0.4197, 0.2086



21.5673, 0.4271, 0.2126

Previews

White Background



This preview shows how the Yxy color 10.9270, 0.2885, 0.4217 looks on a white background.

Color Contrast Check

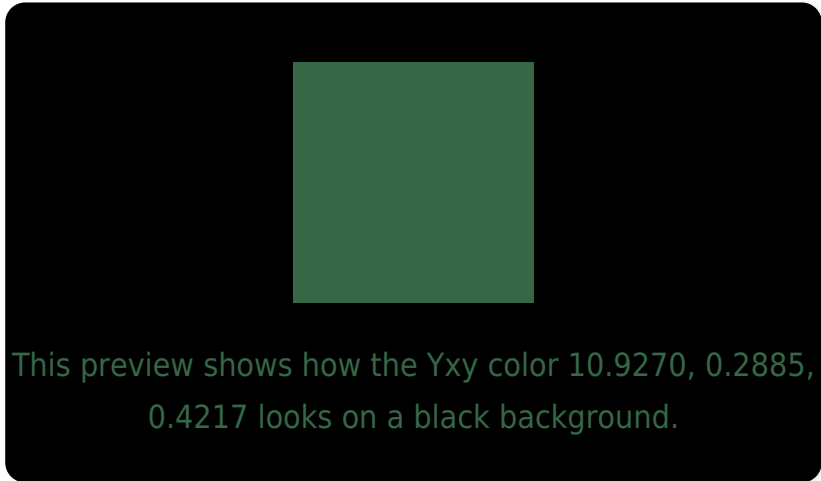
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

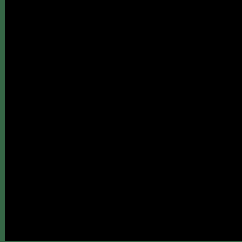
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9270, 0.2885, 0.4217

Background



This preview shows how black text looks on a background with the Yxy color 10.9270, 0.2885, 0.4217.



This preview shows how white text looks on a background with the Yxy color 10.9270, 0.2885, 0.4217.

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

10.9270, 0.2885, 0.4217

Protanopia

10.7453, 0.3673, 0.3932

Deuteranopia

10.8139, 0.3704, 0.3655



Tritanopia

10.8327, 0.2569, 0.3086

Trichromacy



Original Color

10.9270, 0.2885, 0.4217

Protanomaly

10.6100, 0.3336, 0.4039

Deuteranomaly

10.5480, 0.3353, 0.3846

Tritanomaly

10.8653, 0.2685, 0.3474

Monochromacy



Original Color

10.9270, 0.2885, 0.4217

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.6893, 0.3020, 0.3613

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9270, 0.2885, 0.4217 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(54, 103, 70)` looks like.

```
.text, #text, p{  
    color:rgb(54, 103, 70)  
}
```

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(54, 103, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 103, 70) }
```

Border

The CSS property to change the border of an element to Yxy 10.9270, 0.2885, 0.4217 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(54, 103, 70) }
```

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

```
.border{ border-color:rgb(54, 103, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 103, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 103, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 103, 70);  
box-shadow:4px 4px 4px 4px rgb(54, 103,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9270, 0.2885, 0.4217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 103, 70) }
```

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

```
.background{ background-color: rgb(54, 103,  
70) }
```

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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