

Converting Colors

$Y_{xy}(10.8574, 0.3361, 0.4241)$

Have a look what the booklet for
Yxy(10.8574, 0.3361, 0.4241)
contains.

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Color

$Y_{xy}(10.8325, 0.3364, 0.4222)$

Conversions

Conversions Part 1

Format	Color
Hex	51623E
RGB	81, 98, 62
RGB Percent	32%, 38%, 24%
CMY	0.6823, 0.6157, 0.7569
CMYK	0.17, 0.00, 0.37, 0.62
HSL	88°, 22%, 31%
HSV	88°, 37%, 38%
XYZ	8.6311, 10.8325, 6.1937
YIQ	88.8130, 1.4240, -14.8000

Conversions

Conversions Part 2

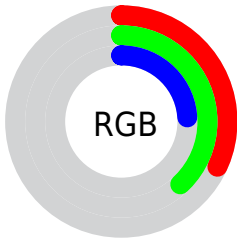
Format	Color
RYB	62, 98, 79
Decimal	5333566
CIELab	39.30, -13.61, 18.42
CIELCh	39, 22.904, 126.455
Yxy	10.8325, 0.3364, 0.4222
Android (android.graphics.Color)	4283523646 (0xFF51623E)
YUV	88.8130, -13.2188, -6.8520
Hunter-Lab	32.9128, -10.7872, 11.8815

Details

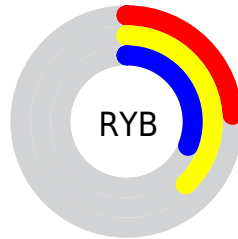
The Yxy color **10.8325, 0.3364, 0.4222** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.9894, 0.2807, 0.2351**, and the grayscale version is **9.9766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.4460, 0.3312, 0.3966**, and **2.7720, 0.3431, 0.4769** is the 20% darker color. If you saturate the color by 10%, you get **10.5374, 0.3416, 0.4498**, and if you desaturate by 10%, it is **11.1619, 0.3304, 0.3950**.

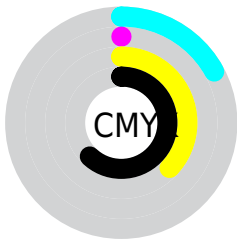
Distribution



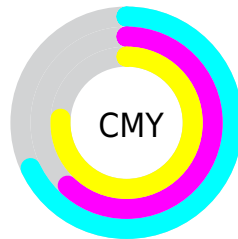
- Red (32%)
- Green (38%)
- Blue (24%)



- Red (24%)
- Yellow (38%)
- Blue (31%)



- Cyan (17%)
- Magenta (0%)
- Yellow (37%)
- Black (62%)




- Cyan (68%)
- Magenta (62%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.8325, 0.3364, 0.4222 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 10.8325, 0.3364, 0.4222 by changing the saturation by 10% instead.


 10.8325, 0.3364,
0.4222


 10.8325, 0.3364,
0.4222


196.5148, 0.3229,
0.3629


 5.9543, 0.3400,
0.4442

 27.3500, 0.3312,
0.3962


 2.8173, 0.3439,
0.4792

 39.7581, 0.3293,
0.3880

 1.0371, 0.3838,
0.6162

 55.4450, 0.3277,
0.3815

 0.0000, 0.0000,
0.0000

 74.7951, 0.3265,
0.3763

 98.1927, 0.3254,
0.3720

 126.0222, 0.3244,

0.3685

158.6681, 0.3236,
0.3655

■ 10.8325, 0.3364,
0.4222

■ 10.8325, 0.3364,
0.4222

■ 10.5374, 0.3416,
0.4498

■ 11.1619, 0.3304,
0.3950

■ 10.2739, 0.3457,
0.4770

■ 11.5253, 0.3239,
0.3690

■ 10.0410, 0.3483,
0.5025


■ 11.9245, 0.3172,
0.3445

■ 9.8370, 0.3491,
0.5252


■ 12.3606, 0.3106,
0.3218

■ 9.6604, 0.3479,
0.5440

■ 12.8345, 0.3041,
0.3011


 9.5062, 0.3453,
0.5595

 13.3473, 0.2978,
0.2822

 9.4587, 0.3445,
0.5647

 13.9000, 0.2919,
0.2652

 14.4934, 0.2863,
0.2499

 15.1285, 0.2811,
0.2362

Harmonies

Analogous

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



10.8325, 0.3833, 0.4166



10.8325, 0.3364, 0.4222



10.8325, 0.2854, 0.3960

Triad

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



10.8325, 0.3364, 0.4222



10.8325, 0.2210, 0.2615



10.8325, 0.3842, 0.3075

Complementary

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



10.8325, 0.3364, 0.4222



5.9894, 0.2807, 0.2351

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.



10.8325, 0.3347, 0.2734



10.8325, 0.3364, 0.4222



10.8325, 0.2423, 0.2468

Square

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



10.8325, 0.3364, 0.4222



10.8325, 0.2215, 0.2966



10.8325, 0.2826, 0.2517



10.8325, 0.4134, 0.3479

Rectangle

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



10.8325, 0.3364, 0.4222



10.8325, 0.2560, 0.3645



10.8325, 0.2826, 0.2517



10.8325, 0.3691, 0.2951

Sweetspot

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



10.8330, 0.3364, 0.4222



20.5675, 0.3203, 0.3555



8.5079, 0.3788, 0.3709



4.8746, 0.3209, 0.3576



52.2522, 0.3127, 0.3290



5.0876, 0.3127, 0.3290

Same Dimension

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



10.8330, 0.3364, 0.4222



18.5361, 0.3410, 0.4459



10.1467, 0.3096, 0.4303



2.9144, 0.3186, 0.3495



12.5697, 0.3435, 0.5655



66.6217, 0.3394, 0.5687

Inverse Universe

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



5.9894, 0.2807, 0.2351



8.6929, 0.2710, 0.2110



6.8579, 0.3144, 0.2440



2.5675, 0.3064, 0.3084



1.9301, 0.2014, 0.0883



9.7937, 0.1954, 0.0850

Previews

White Background



This preview shows how the Yxy color 10.8325, 0.3364, 0.4222 looks on a white background.

Color Contrast Check

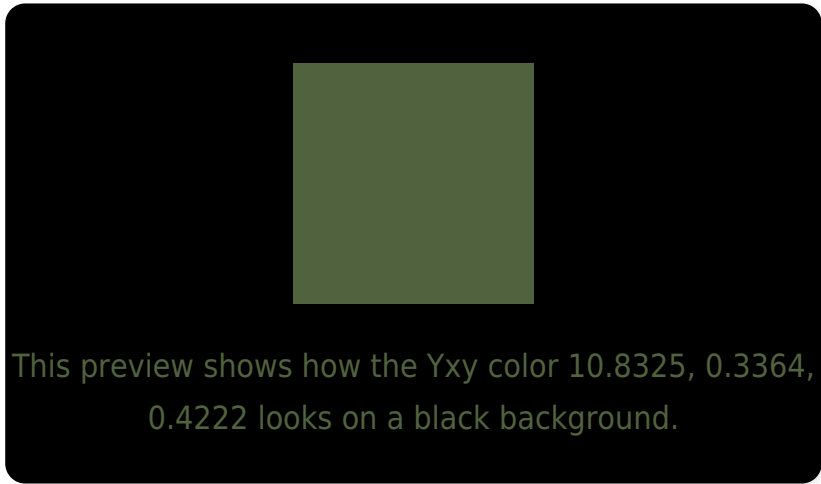
Large Text (above 18pt) WCAG AA ✓ Pass

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

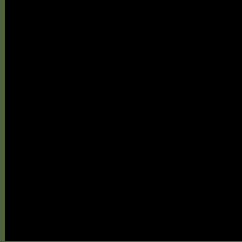
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

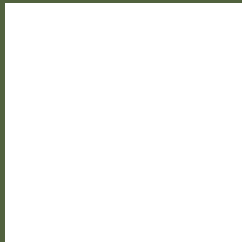
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 10.8325, 0.3364, 0.4222

Background



This preview shows how black text looks on a background with the Yxy color 10.8325, 0.3364, 0.4222.



This preview shows how white text looks on a background with the Yxy color 10.8325, 0.3364, 0.4222.

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

10.8325, 0.3364, 0.4222

Protanopia

10.6899, 0.3749, 0.4048

Deuteranopia

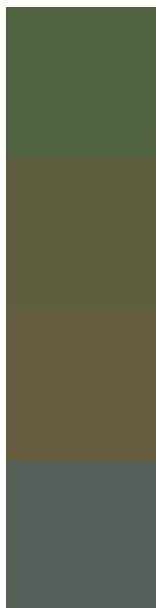
10.6646, 0.3895, 0.3830



Tritanopia

10.7945, 0.2925, 0.3098

Trichromacy



Original Color

10.8325, 0.3364, 0.4222

Protanomaly

10.6695, 0.3598, 0.4102

Deuteranomaly

10.6658, 0.3686, 0.3983

Tritanomaly

10.8038, 0.3087, 0.3489

Monochromacy



Original Color

10.8325, 0.3364, 0.4222

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.1972, 0.3223, 0.3621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8325, 0.3364, 0.4222 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(81, 98, 62) looks like.

```
.text, #text, p{  
    color:rgb(81, 98, 62)  
}
```

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(81, 98, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 98, 62) }
```

Border

The CSS property to change the border of an element to Yxy 10.8325, 0.3364, 0.4222 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(81, 98, 62) }
```

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

```
.border{ border-color:rgb(81, 98, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 98, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 98, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 98, 62);  
box-shadow:4px 4px 4px 4px rgb(81, 98, 62)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.8325, 0.3364, 0.4222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 98, 62) }
```

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

```
.background{ background-color: rgb(81, 98,  
62) }
```

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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