

Converting Colors

$Y_{xy}(11.0429, 0.3205, 0.4194)$

Have a look what the booklet for
Yxy(11.0429, 0.3205, 0.4194)
contains.

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Color

Yxy(11.0035, 0.3213, 0.4187)

Conversions

Conversions Part 1

Format	Color
Hex	4B6442
RGB	75, 100, 66
RGB Percent	29%, 39%, 26%
CMY	0.7058, 0.6079, 0.7412
CMYK	0.25, 0.00, 0.34, 0.61
HSL	104°, 20%, 33%
HSV	104°, 34%, 39%
XYZ	8.4438, 11.0035, 6.8328
YIQ	88.6490, -3.9860, -15.8740

Conversions

Conversions Part 2

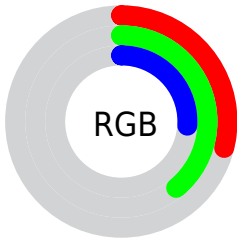
Format	Color
RYB	66, 100, 91
Decimal	4940866
CIELab	39.59, -16.49, 16.36
CIELCh	40, 23.233, 135.232
Yxy	11.0035, 0.3213, 0.4187
Android (android.graphics.Color)	4283130946 (0xFF4B6442)
YUV	88.6490, -11.1660, -11.9702
Hunter-Lab	33.1715, -12.6130, 11.0072

Details

The Yxy color **11.0035, 0.3213, 0.4187** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.0388, 0.2997, 0.2464**, and the grayscale version is **9.9356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7081, 0.3207, 0.3939**, and **2.8693, 0.3189, 0.4730** is the 20% darker color. If you saturate the color by 10%, you get **10.6168, 0.3229, 0.4491**, and if you desaturate by 10%, it is **11.4460, 0.3191, 0.3897**.

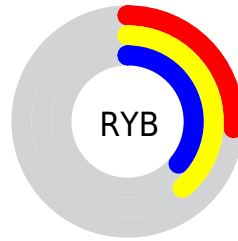
Distribution



Red (29%)

Green (39%)

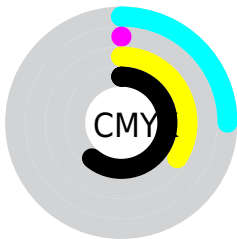
Blue (26%)



Red (26%)

Yellow (39%)

Blue (36%)

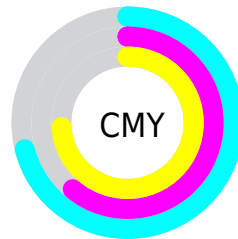


Cyan (25%)

Magenta (0%)

Yellow (34%)

Black (61%)



Cyan (71%)


Magenta (61%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0035, 0.3213, 0.4187 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 11.0035, 0.3213, 0.4187 by changing the saturation by 10% instead.

 11.0035, 0.3213,
0.4187


 11.0035, 0.3213,
0.4187


197.6916, 0.3171,
0.3614


 6.0692, 0.3217,
0.4403

 27.6666, 0.3200,
0.3935


 2.8872, 0.3210,
0.4750


 40.1643, 0.3194,
0.3855

 1.0731, 0.3584,
0.6347

 55.9518, 0.3189,
0.3793

 0.0000, 0.0000,
0.0000

 75.4136, 0.3185,
0.3743

 98.9341, 0.3181,
0.3702

 126.8976, 0.3177,

0.3668

159.6887, 0.3174,
0.3639

■ 11.0035, 0.3213,
0.4187

■ 11.0035, 0.3213,
0.4187

■ 10.6168, 0.3229,
0.4491

■ 11.4460, 0.3191,
0.3897

■ 10.2822, 0.3237,
0.4800

■ 11.9449, 0.3166,
0.3627

■ 9.9978, 0.3235,
0.5099


■ 12.5028, 0.3138,
0.3381

■ 9.7610, 0.3222,
0.5373


■ 13.1214, 0.3110,
0.3160

■ 9.5690, 0.3197,
0.5603

■ 13.8027, 0.3082,
0.2963


 9.4176, 0.3164,
0.5781

 14.5482, 0.3054,
0.2787

 9.3407, 0.3147,
0.5883

 15.3598, 0.3028,
0.2632

 16.2389, 0.3003,
0.2495

 17.1871, 0.2979,
0.2375

Harmonies

Analogous

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



11.0035, 0.3713, 0.4221



11.0035, 0.3213, 0.4187



11.0035, 0.2714, 0.3836

Triad

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



11.0035, 0.3213, 0.4187



11.0035, 0.2244, 0.2545



11.0035, 0.3963, 0.3188

Complementary

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



11.0035, 0.3213, 0.4187



7.0388, 0.2997, 0.2464

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.



11.0035, 0.3506, 0.2819



11.0035, 0.3213, 0.4187



11.0035, 0.2518, 0.2457

Square

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



11.0035, 0.3213, 0.4187



11.0035, 0.2183, 0.2839



11.0035, 0.2970, 0.2559



11.0035, 0.4173, 0.3601

Rectangle

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



11.0035, 0.3213, 0.4187



11.0035, 0.2448, 0.3492



11.0035, 0.2970, 0.2559



11.0035, 0.3831, 0.3057

Sweetspot

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



11.0040, 0.3213, 0.4187



21.2928, 0.3156, 0.3533



10.5727, 0.3665, 0.3885



5.2155, 0.3159, 0.3558



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



11.0040, 0.3213, 0.4187



18.7293, 0.3227, 0.4436



10.7653, 0.2985, 0.3998



3.1745, 0.3152, 0.3500



12.4878, 0.3138, 0.5891



64.7548, 0.3104, 0.5918

Inverse Universe

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



7.0388, 0.2997, 0.2464



10.5883, 0.2955, 0.2258



7.3793, 0.3311, 0.2674



2.8543, 0.3100, 0.3084



3.1294, 0.2572, 0.1191



15.8795, 0.2535, 0.1170

Previews

White Background



This preview shows how the Yxy color 11.0035, 0.3213, 0.4187 looks on a white background.

Color Contrast Check

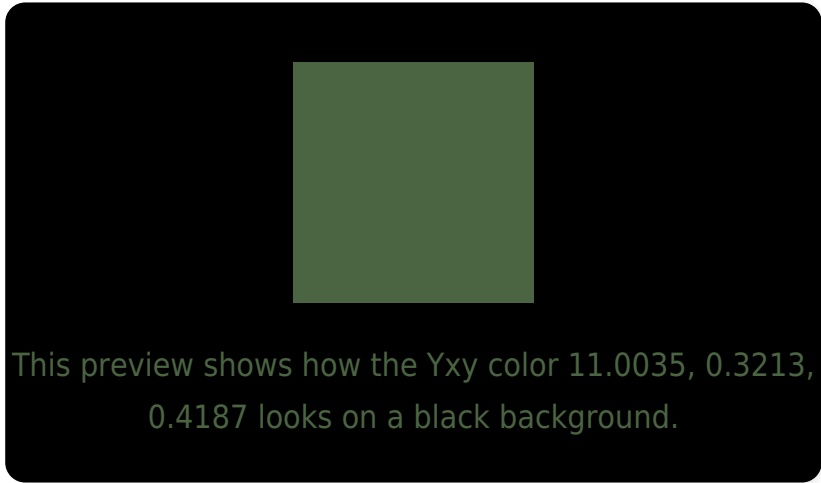
Large Text (above 18pt) WCAG AA ✓ Pass

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

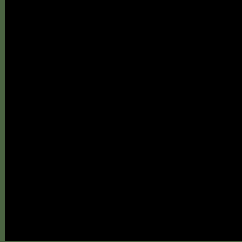
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

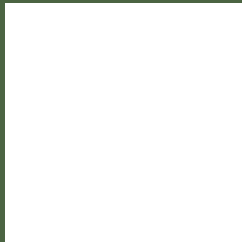
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 11.0035, 0.3213, 0.4187

Background



This preview shows how black text looks on a background with the Yxy color 11.0035, 0.3213, 0.4187.



This preview shows how white text looks on a background with the Yxy color 11.0035, 0.3213, 0.4187.

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

11.0035, 0.3213, 0.4187

Protanopia

10.9543, 0.3713, 0.3996

Deuteranopia

10.8771, 0.3821, 0.3762



Tritanopia

10.9130, 0.2817, 0.3095

Trichromacy



Original Color

11.0035, 0.3213, 0.4187

Protanomaly

11.0112, 0.3526, 0.4077

Deuteranomaly

10.7753, 0.3584, 0.3918

Tritanomaly

10.9498, 0.2958, 0.3466

Monochromacy



Original Color

11.0035, 0.3213, 0.4187

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.3076, 0.3160, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0035, 0.3213, 0.4187 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(75, 100, 66)` looks like.

```
.text, #text, p{  
  color:rgb(75, 100, 66)  
}
```

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(75, 100, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 100, 66) }
```

Border

The CSS property to change the border of an element to Yxy 11.0035, 0.3213, 0.4187 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(75, 100, 66) }
```

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

```
.border{ border-color:rgb(75, 100, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 100, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 100, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 100, 66);  
box-shadow:4px 4px 4px 4px rgb(75, 100,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0035, 0.3213, 0.4187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 100, 66) }
```

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

```
.background{ background-color: rgb(75, 100,  
66) }
```

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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