

Converting Colors

$Y_{xy}(11.2509, 0.3074, 0.4319)$

Have a look what the booklet for
Yxy(11.2509, 0.3074, 0.4319)
contains.

Yxy(11.2060, 0.3079, 0.4321)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(11.2060, 0.3079, 0.4321)

Conversions

Conversions Part 1

Format	Color
Hex	416741
RGB	65, 103, 65
RGB Percent	25%, 40%, 25%
CMY	0.7450, 0.5961, 0.7451
CMYK	0.37, 0.00, 0.37, 0.60
HSL	120°, 23%, 33%
HSV	120°, 37%, 40%
XYZ	7.9850, 11.2060, 6.7428
YIQ	87.3060, -10.4500, -19.8740

Conversions

Conversions Part 2

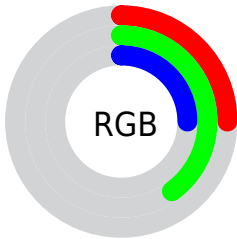
Format	Color
R_{YB}	65, 103, 103
Decimal	4286273
CIE _{Lab}	39.93, -22.07, 17.30
CIE _{LCh}	40, 28.041, 141.916
Yxy	11.2060, 0.3079, 0.4321
Android (android.graphics.Color)	4282476353 (0xFF416741)
YUV	87.3060, -10.9969, -19.5624
Hunter-Lab	33.4754, -16.0035, 11.4902

Details

The Yxy color **11.2060, 0.3079, 0.4321** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.6424, 0.3167, 0.2437**, and the grayscale version is **9.6271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9483, 0.3112, 0.4025**, and **3.0111, 0.2995, 0.5014** is the 20% darker color. If you saturate the color by 10%, you get **10.7778, 0.3063, 0.4655**, and if you desaturate by 10%, it is **11.7210, 0.3094, 0.4004**.

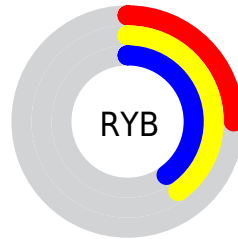
Distribution



Red (25%)

Green (40%)

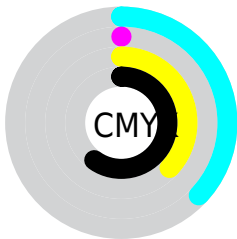
Blue (25%)



Red (25%)

Yellow (40%)

Blue (40%)

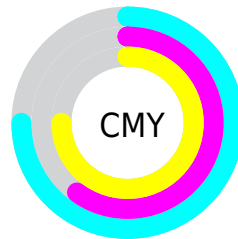


Cyan (37%)

Magenta (0%)

Yellow (37%)

Black (60%)



Cyan (75%)


Magenta (60%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2060, 0.3079, 0.4321 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 11.2060, 0.3079, 0.4321 by changing the saturation by 10% instead.


 11.2060, 0.3079,
0.4321


 11.2060, 0.3079,
0.4321


199.0754, 0.3124,
0.3659


 6.2056, 0.3049,
0.4574

 28.0405, 0.3105,
0.4028


 2.9705, 0.2986,
0.4983


 40.6433, 0.3111,
0.3936

 1.1163, 0.3117,
0.6883

 56.5490, 0.3115,
0.3864

 0.0000, 0.0000,
0.0000

 76.1421, 0.3118,
0.3807

 99.8069, 0.3120,
0.3760

 127.9278, 0.3122,

0.3720

160.8892, 0.3123,
0.3687

■ 11.2060, 0.3079,
0.4321

■ 11.2060, 0.3079,
0.4321

■ 10.7778, 0.3063,
0.4655

■ 11.7210, 0.3094,
0.4004

■ 10.4303, 0.3048,
0.4991

■ 12.3257, 0.3107,
0.3713

■ 10.1588, 0.3033,
0.5308


■ 13.0246, 0.3120,
0.3452

■ 9.9578, 0.3020,
0.5583


■ 13.8215, 0.3130,
0.3222

■ 9.8206, 0.3010,
0.5795

■ 14.7200, 0.3140,
0.3021


 9.7284, 0.3002,
0.5951

 15.7234, 0.3148,
0.2846

 9.7008, 0.3000,
0.6000

 16.8350, 0.3155,
0.2696

 18.0579, 0.3161,
0.2565

 19.3950, 0.3166,
0.2453

Harmonies

Analogous

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



11.2060, 0.3688, 0.4433



11.2060, 0.3079, 0.4321



11.2060, 0.2514, 0.3818

Triad

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



11.2060, 0.3079, 0.4321



11.2060, 0.2138, 0.2364



11.2060, 0.4219, 0.3264

Complementary

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



11.2060, 0.3079, 0.4321



7.6424, 0.3167, 0.2437

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.



11.2060, 0.3717, 0.2820



11.2060, 0.3079, 0.4321



11.2060, 0.2506, 0.2321

Square

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



11.2060, 0.3079, 0.4321



11.2060, 0.2011, 0.2645



11.2060, 0.3073, 0.2486



11.2060, 0.4384, 0.3746

Rectangle

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



11.2060, 0.3079, 0.4321



11.2060, 0.2236, 0.3380



11.2060, 0.3073, 0.2486



11.2060, 0.4082, 0.3108

Sweetspot

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



11.2065, 0.3079, 0.4321



22.7466, 0.3114, 0.3564



12.8402, 0.3650, 0.4134



5.5206, 0.3113, 0.3588



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.



11.2065, 0.3079, 0.4321



19.4119, 0.3066, 0.4601



11.4545, 0.2861, 0.3809



3.1427, 0.3117, 0.3502



12.2048, 0.3000, 0.6000



63.6538, 0.3000, 0.6000

Inverse Universe

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



7.6424, 0.3167, 0.2437



12.0402, 0.3175, 0.2254



7.3141, 0.3521, 0.2827



2.8890, 0.3137, 0.3087



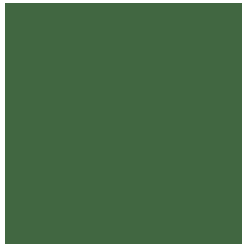
4.8567, 0.3208, 0.1541



25.3293, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 11.2060, 0.3079, 0.4321 looks on a white background.

Color Contrast Check

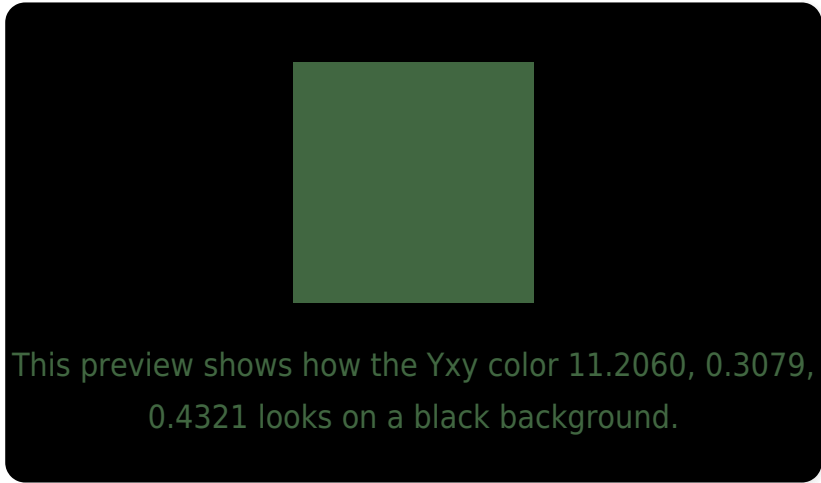
Large Text (above 18pt) WCAG AA ✓ Pass

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

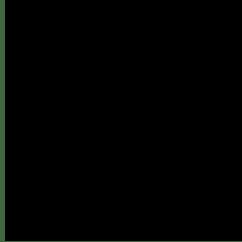
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2060, 0.3079, 0.4321

Background



This preview shows how black text looks on a background with the Yxy color 11.2060, 0.3079, 0.4321.



This preview shows how white text looks on a background with the Yxy color 11.2060, 0.3079, 0.4321.

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

11.2060, 0.3079, 0.4321

Protanopia

11.1671, 0.3752, 0.4058

Deuteranopia

11.1092, 0.3830, 0.3781



Tritanopia

11.1924, 0.2685, 0.3092

Trichromacy



Original Color

11.2060, 0.3079, 0.4321

Protanomaly

11.0210, 0.3498, 0.4162

Deuteranomaly

10.9693, 0.3522, 0.3974

Tritanomaly

11.1718, 0.2828, 0.3522

Monochromacy



Original Color

11.2060, 0.3079, 0.4321

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

10.0555, 0.3110, 0.3657

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2060, 0.3079, 0.4321 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(65, 103, 65)` looks like.

```
.text, #text, p{  
    color:rgb(65, 103, 65)  
}
```

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(65, 103, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 103, 65) }
```

Border

The CSS property to change the border of an element to Yxy 11.2060, 0.3079, 0.4321 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(65, 103, 65) }
```

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

```
.border{ border-color:rgb(65, 103, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 103, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 103, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 103, 65);  
box-shadow:4px 4px 4px 4px rgb(65, 103,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2060, 0.3079, 0.4321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 103, 65) }
```

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

```
.background{ background-color: rgb(65, 103,  
65) }
```

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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