

Converting Colors

$Y_{xy}(11.0779, 0.2395, 0.3157)$

Have a look what the booklet for
Yxy(11.0779, 0.2395, 0.3157)
contains.

Yxy(11.0779, 0.2395, 0.3157)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.0779, 0.2395, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	2B666B
RGB	43, 102, 107
RGB Percent	17%, 40%, 42%
CMY	0.8311, 0.6000, 0.5803
CMYK	0.60, 0.05, 0.00, 0.58
HSL	185°, 43%, 29%
HSV	185°, 60%, 42%
XYZ	8.4040, 11.0779, 15.6080
YIQ	84.9290, -36.7690, -10.9530

Conversions

Conversions Part 2

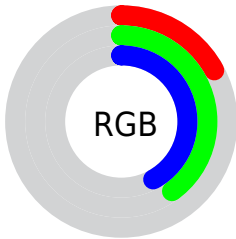
Format	Color
RYB	43, 74, 107
Decimal	2844267
CIELab	39.71, -17.38, -8.62
CIElCh	40, 19.402, 206.366
Yxy	11.0779, 0.2395, 0.3157
Android (android.graphics.Color)	4281034347 (0xFF2B666B)
YUV	84.9290, 10.8810, -36.7717
Hunter-Lab	33.2835, -13.1750, -4.5051

Details

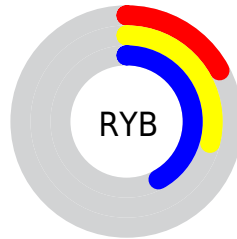
The Yxy color **11.0779, 0.2395, 0.3157** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5.4226, 0.4749, 0.3405**, and the grayscale version is **9.0553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7379, 0.2584, 0.3201**, and **3.0586, 0.2184, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **10.7120, 0.2318, 0.3132**, and if you desaturate by 10%, it is **11.5071, 0.2488, 0.3182**.

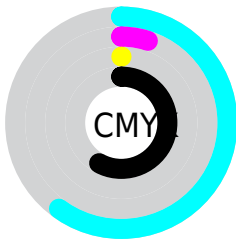
Distribution



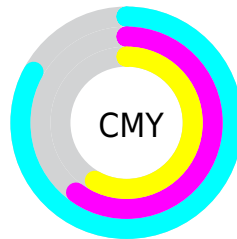
- Red (17%)
- Green (40%)
- Blue (42%)



- Red (17%)
- Yellow (29%)
- Blue (42%)



- Cyan (60%)
- Magenta (5%)
- Yellow (0%)
- Black (58%)




- Cyan (83%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0779, 0.2395, 0.3157 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 11.0779, 0.2395, 0.3157 by changing the saturation by 10% instead.


 11.0779, 0.2395,
0.3157


 11.0779, 0.2395,
0.3157


198.2012, 0.2838,
0.3248


 6.1193, 0.2247,
0.3118

 27.8041, 0.2580,
0.3199


 2.9177, 0.2025,
0.3052


 40.3405, 0.2642,
0.3212

 1.0889, 0.1612,
0.2938

 56.1716, 0.2691,
0.3222

 0.0000, 0.0000,
0.0000

 75.6817, 0.2731,
0.3229

 99.2554, 0.2765,
0.3236

 127.2769, 0.2793,

0.3241

160.1307, 0.2817,
0.3245

■ 11.0779, 0.2395,
0.3157

■ 11.0779, 0.2395,
0.3157

■ 10.7120, 0.2318,
0.3132

■ 11.5071, 0.2488,
0.3182

■ 10.4033, 0.2259,
0.3106

■ 12.0026, 0.2596,
0.3206

■ 10.1465, 0.2216,
0.3081

■ 12.5688, 0.2716,
0.3229

■ 9.9180, 0.2183,
0.3056

■ 13.2094, 0.2847,
0.3251

■ 9.9123, 0.2182,
0.3055

■ 13.9277, 0.2986,
0.3272

■ 14.7269, 0.3131,
0.3290

■ 15.6099, 0.3278,
0.3308

■ 16.5797, 0.3427,
0.3323

■ 17.6388, 0.3575,
0.3337

Harmonies

Analogous

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



11.0779, 0.2651, 0.3589



11.0779, 0.2395, 0.3157



11.0779, 0.2324, 0.2806

Triad

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



11.0779, 0.2395, 0.3157



11.0779, 0.3164, 0.2738



11.0779, 0.3831, 0.3969

Complementary

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



11.0779, 0.2395, 0.3157



5.4226, 0.4749, 0.3405

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.



11.0779, 0.3999, 0.3689



11.0779, 0.2395, 0.3157



11.0779, 0.3601, 0.3002

Square

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



11.0779, 0.2395, 0.3157



11.0779, 0.2744, 0.2597



11.0779, 0.3916, 0.3341



11.0779, 0.3477, 0.4082

Rectangle

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



11.0779, 0.2395, 0.3157



11.0779, 0.2385, 0.2659



11.0779, 0.3916, 0.3341



11.0779, 0.3912, 0.3889

Sweetspot

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



11.0783, 0.2395, 0.3157



23.8002, 0.2864, 0.3254



11.2407, 0.3005, 0.4983



5.6933, 0.2833, 0.3249



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



11.0783, 0.2395, 0.3157



18.9285, 0.2291, 0.3121



6.0553, 0.2205, 0.2266



3.4533, 0.2997, 0.3273



12.0366, 0.2181, 0.3053



60.7501, 0.2177, 0.3038

Inverse Universe

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



5.8186, 0.3291, 0.2053



8.7409, 0.3334, 0.1847



8.9373, 0.4278, 0.4103



3.1600, 0.3147, 0.3100



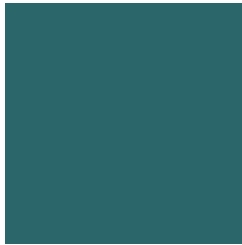
4.8875, 0.3408, 0.1651



24.8450, 0.3421, 0.1658

Previews

White Background



This preview shows how the Yxy color 11.0779, 0.2395, 0.3157 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



This preview shows how the Yxy color 11.0779, 0.2395, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

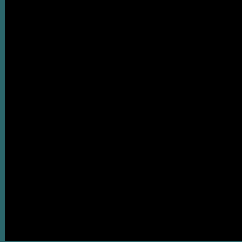
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0779, 0.2395, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 11.0779, 0.2395, 0.3157.



This preview shows how white text looks on a background with the Yxy color 11.0779, 0.2395, 0.3157.

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

11.0779, 0.2395, 0.3157

Protanopia

11.0436, 0.2999, 0.3102

Deuteranopia

10.9660, 0.2919, 0.2880



Tritanopia

11.1640, 0.2376, 0.3082

Trichromacy



Original Color

11.0779, 0.2395, 0.3157

Protanomaly

10.8009, 0.2727, 0.3115

Deuteranomaly

10.7630, 0.2678, 0.2972

Tritanomaly

11.1423, 0.2384, 0.3107

Monochromacy



Original Color

11.0779, 0.2395, 0.3157

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.5746, 0.2786, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0779, 0.2395, 0.3157 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(43, 102, 107)` looks like.

```
.text, #text, p{  
    color:rgb(43, 102, 107)  
}
```

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(43, 102, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 102, 107) }
```

Border

The CSS property to change the border of an element to Yxy 11.0779, 0.2395, 0.3157 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(43, 102, 107) }
```

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

```
.border{ border-color:rgb(43, 102, 107) }
```

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

Here you see how a box with a 4 pixel rgb(43, 102, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 102, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 102, 107);  
box-shadow:4px 4px 4px 4px rgb(43, 102,  
107) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 11.0779, 0.2395, 0.3157$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 102, 107) }
```

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

```
.background{ background-color: rgb(43, 102,  
107) }
```

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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