

Converting Colors

$Y_{xy}(14.3656, 0.2468, 0.3162)$

Have a look what the booklet for
Yxy(14.3656, 0.2468, 0.3162)
contains.

Yxy(14.3205, 0.2465, 0.3149)	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(14.3205, 0.2465, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	3B7278
RGB	59, 114, 120
RGB Percent	23%, 45%, 47%
CMY	0.7688, 0.5529, 0.5294
CMYK	0.51, 0.05, 0.00, 0.53
HSL	186°, 34%, 35%
HSV	186°, 51%, 47%
XYZ	11.2099, 14.3205, 19.9459
YIQ	98.2390, -34.7060, -9.7940

Conversions

Conversions Part 2

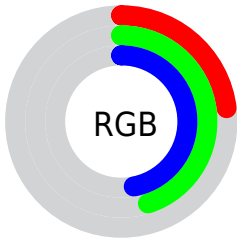
Format	Color
R_{YB}	59, 88, 120
Decimal	3895928
CIE _{Lab}	44.69, -16.39, -8.95
CIE _{LCh}	45, 18.673, 208.641
Yxy	14.3205, 0.2465, 0.3149
Android (android.graphics.Color)	4282086008 (0xFF3B7278)
YUV	98.2390, 10.7282, -34.4126
Hunter-Lab	37.8424, -13.3479, -4.7608

Details

The Yxy color **14.3205, 0.2465, 0.3149** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.0863, 0.4407, 0.3418**, and the grayscale version is **12.2542, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6305, 0.2624, 0.3193**, and **4.3643, 0.2182, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **13.7312, 0.2372, 0.3117**, and if you desaturate by 10%, it is **14.9987, 0.2574, 0.3180**.

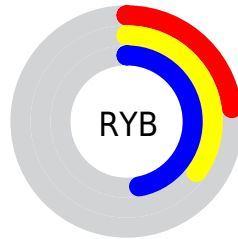
Distribution



Red (23%)

Green (45%)

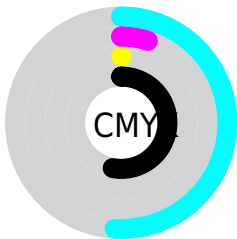
Blue (47%)



Red (23%)

Yellow (35%)

Blue (47%)

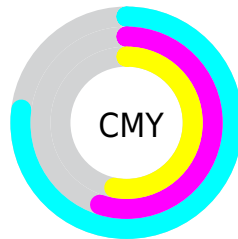


Cyan (51%)

Magenta (5%)

Yellow (0%)

Black (53%)



Cyan (77%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.3205, 0.2465, 0.3149 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 14.3205, 0.2465, 0.3149 by changing the saturation by 10% instead.

14.3205, 0.2465,
0.3149

14.3205, 0.2465,
0.3149

219.2157, 0.2853,
0.3241

8.3439, 0.2343,
0.3114

33.6566, 0.2623,
0.3190

4.3158, 0.2166,
0.3059

47.7850, 0.2677,
0.3202

1.8517, 0.1891,
0.2959

65.3994, 0.2720,
0.3212

0.5191, 0.0512,
0.2850

86.8842, 0.2756,
0.3220

0.0000, 0.0000,
0.0000

112.6238, 0.2786,
0.3227

143.0027, 0.2812,

0.3232

178.4052, 0.2834,
0.3237

■ 14.3205, 0.2465,
0.3149

■ 14.3205, 0.2465,
0.3149

■ 13.7312, 0.2372,
0.3117

■ 14.9987, 0.2574,
0.3180

■ 13.2232, 0.2295,
0.3085

■ 15.7694, 0.2695,
0.3210

■ 12.7904, 0.2236,
0.3052

■ 16.6381, 0.2828,
0.3238

■ 12.4252, 0.2194,
0.3020

■ 17.6092, 0.2968,
0.3264

■ 12.1249, 0.2164,
0.2990

■ 18.6871, 0.3114,
0.3288

■ 19.8758, 0.3263,
0.3310

■ 21.1789, 0.3413,
0.3330

■ 22.6002, 0.3561,
0.3348

■ 24.1430, 0.3707,
0.3363

Harmonies

Analogous

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



14.3205, 0.2684, 0.3526



14.3205, 0.2465, 0.3149



14.3205, 0.2414, 0.2845

Triad

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



14.3205, 0.2465, 0.3149



14.3205, 0.3192, 0.2812



14.3205, 0.3733, 0.3908

Complementary

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



14.3205, 0.2465, 0.3149



8.0863, 0.4407, 0.3418

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.



14.3205, 0.3894, 0.3672



14.3205, 0.2465, 0.3149



14.3205, 0.3573, 0.3057

Square

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



14.3205, 0.2465, 0.3149



14.3205, 0.2814, 0.2677



14.3205, 0.3836, 0.3363



14.3205, 0.3412, 0.3985

Rectangle

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



14.3205, 0.2465, 0.3149



14.3205, 0.2477, 0.2720



14.3205, 0.3836, 0.3363



14.3205, 0.3808, 0.3842

Sweetspot

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



14.3211, 0.2465, 0.3149



30.1741, 0.2904, 0.3252



14.7351, 0.3010, 0.4695



7.0822, 0.2880, 0.3248



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



14.3211, 0.2465, 0.3149



23.9911, 0.2358, 0.3112



8.6880, 0.2326, 0.2407



4.4483, 0.2994, 0.3268



13.2137, 0.2164, 0.2989



62.3330, 0.2159, 0.2972

Inverse Universe

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



8.3332, 0.3287, 0.2219



12.4069, 0.3331, 0.2018



12.4173, 0.4078, 0.4022



4.0710, 0.3151, 0.3099



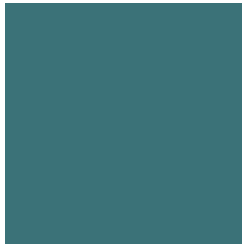
5.5408, 0.3464, 0.1682



26.3597, 0.3479, 0.1690

Previews

White Background



This preview shows how the Yxy color 14.3205, 0.2465, 0.3149 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 14.3205, 0.2465, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

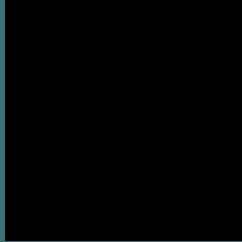
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

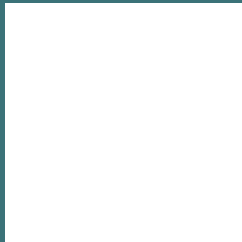
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.3205, 0.2465, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 14.3205, 0.2465, 0.3149.



This preview shows how white text looks on a background with the Yxy color 14.3205, 0.2465, 0.3149.

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

14.3205, 0.2465, 0.3149

Protanopia

14.3213, 0.3013, 0.3101

Deuteranopia

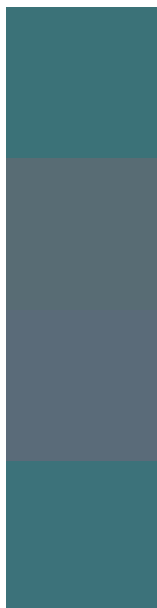
14.2314, 0.2941, 0.2901



Tritanopia

14.4253, 0.2448, 0.3082

Trichromacy



Original Color

14.3205, 0.2465, 0.3149

Protanomaly

14.0608, 0.2776, 0.3112

Deuteranomaly

14.0695, 0.2743, 0.2986

Tritanomaly

14.4004, 0.2456, 0.3105

Monochromacy



Original Color

14.3205, 0.2465, 0.3149

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

12.8261, 0.2834, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3205, 0.2465, 0.3149 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(59, 114, 120)` looks like.

```
.text, #text, p{  
    color:rgb(59, 114, 120)  
}
```

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(59, 114, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 114, 120) }
```

Border

The CSS property to change the border of an element to Yxy 14.3205, 0.2465, 0.3149 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(59, 114, 120) }
```

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

```
.border{ border-color:rgb(59, 114, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 114, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 114, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 114, 120);  
box-shadow:4px 4px 4px 4px rgb(59, 114,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3205, 0.2465, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 114, 120) }
```

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

```
.background{ background-color: rgb(59, 114,  
120) }
```

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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