

Converting Colors

$Y_{xy}(17.0152, 0.2516, 0.3337)$

Have a look what the booklet for
Yxy(17.0152, 0.2516, 0.3337)
contains.

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Color

$Y_{xy}(17.0965, 0.2518, 0.3355)$

Conversions

Conversions Part 1

Format	Color
Hex	3E7D7A
RGB	62, 125, 122
RGB Percent	24%, 49%, 48%
CMY	0.7569, 0.5098, 0.5216
CMYK	0.50, 0.00, 0.02, 0.51
HSL	177°, 34%, 37%
HSV	177°, 50%, 49%
XYZ	12.8313, 17.0965, 21.0305
YIQ	105.8210, -36.5850, -14.2890

Conversions

Conversions Part 2

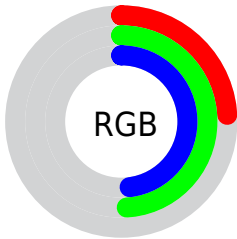
Format	Color
RYB	62, 94, 125
Decimal	4095354
CIELab	48.38, -21.01, -4.61
CIElCh	48, 21.509, 192.368
Yxy	17.0965, 0.2518, 0.3355
Android (android.graphics.Color)	4282285434 (0xFF3E7D7A)
YUV	105.8210, 7.9762, -38.4310
Hunter-Lab	41.3479, -16.9658, -1.2127

Details

The Yxy color **17.0965, 0.2518, 0.3355** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.1855, 0.4398, 0.3233**, and the grayscale version is **14.3457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5416, 0.2663, 0.3350**, and **5.6499, 0.2277, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **16.7238, 0.2438, 0.3370**, and if you desaturate by 10%, it is **17.5636, 0.2614, 0.3341**.

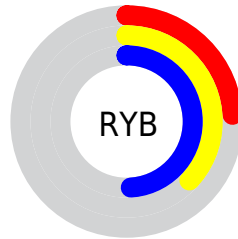
Distribution



 Red (24%)

 Green (49%)

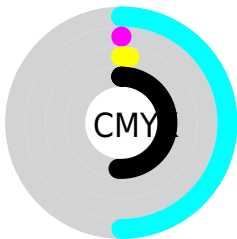
 Blue (48%)




 Red (24%)

 Yellow (37%)

 Blue (49%)

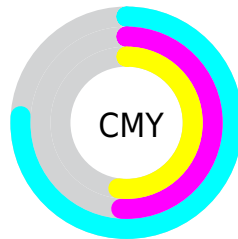


 Cyan (50%)


 Magenta (0%)

 Yellow (2%)

 Black (51%)



 Cyan (76%)


 Magenta (51%)

 Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0965, 0.2518, 0.3355 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 17.0965, 0.2518, 0.3355 by changing the saturation by 10% instead.


 17.0965, 0.2518,
0.3355


 17.0965, 0.2518,
0.3355


235.7279, 0.2868,
0.3323


 10.3033, 0.2411,
0.3362


 38.4916, 0.2659,
0.3344


 5.6005, 0.2259,
0.3369

 53.8623, 0.2707,
0.3339


 2.6037, 0.2027,
0.3374

 72.8610, 0.2747,
0.3336

 0.9285, 0.1378,
0.3466

 95.8721, 0.2779,
0.3332

 0.0000, 0.0000,
0.0000

 123.2799, 0.2807,
0.3329

155.4689, 0.2830,

0.3327

192.8234, 0.2851,
0.3325

■ 17.0965, 0.2518,
0.3355

■ 17.0965, 0.2518,
0.3355

■ 16.7238, 0.2438,
0.3370

■ 17.5636, 0.2614,
0.3341

■ 16.4370, 0.2376,
0.3385

■ 18.1290, 0.2725,
0.3327

■ 16.2296, 0.2331,
0.3400

■ 18.7986, 0.2848,
0.3314

■ 16.0929, 0.2303,
0.3416

■ 19.5775, 0.2981,
0.3302

■ 16.0010, 0.2286,
0.3430

■ 20.4704, 0.3121,
0.3290

■ 21.4816, 0.3266,
0.3280

■ 22.6154, 0.3413,
0.3271

■ 23.8755, 0.3560,
0.3263

■ 25.2660, 0.3706,
0.3256

Harmonies

Analogous

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



17.0965, 0.2835, 0.3755



17.0965, 0.2518, 0.3355



17.0965, 0.2363, 0.2967

Triad

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



17.0965, 0.2518, 0.3355



17.0965, 0.2966, 0.2678



17.0965, 0.3905, 0.3833

Complementary

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



17.0965, 0.2518, 0.3355



8.1855, 0.4398, 0.3233

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.



17.0965, 0.3957, 0.3523



17.0965, 0.2518, 0.3355



17.0965, 0.3393, 0.2883

Square

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



17.0965, 0.2518, 0.3355



17.0965, 0.2607, 0.2611



17.0965, 0.3766, 0.3183



17.0965, 0.3639, 0.4026

Rectangle

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



17.0965, 0.2518, 0.3355



17.0965, 0.2364, 0.2775



17.0965, 0.3766, 0.3183



17.0965, 0.3950, 0.3738

Sweetspot

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



17.0972, 0.2518, 0.3355



34.3399, 0.2914, 0.3307



16.1449, 0.3087, 0.4796



7.7571, 0.2891, 0.3310



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



17.0972, 0.2518, 0.3355



29.8849, 0.2431, 0.3372



10.9885, 0.2369, 0.2621



4.8834, 0.2999, 0.3300



16.6982, 0.2286, 0.3430



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.1855, 0.4398, 0.3233



12.0624, 0.4857, 0.3227



12.0785, 0.4159, 0.3860



4.3473, 0.3271, 0.3280



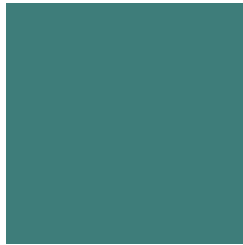
4.5639, 0.6323, 0.3257



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.0965, 0.2518, 0.3355 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 17.0965, 0.2518, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

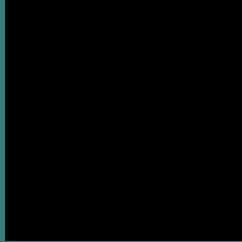
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0965, 0.2518, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 17.0965, 0.2518, 0.3355.



This preview shows how white text looks on a background with the Yxy color 17.0965, 0.2518, 0.3355.

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

17.0965, 0.2518, 0.3355

Protanopia

16.9854, 0.3141, 0.3270

Deuteranopia

16.9145, 0.3087, 0.3024



Tritanopia

17.0176, 0.2451, 0.3075

Trichromacy



Original Color

17.0965, 0.2518, 0.3355

Protanomaly

16.7517, 0.2861, 0.3289

Deuteranomaly

16.6553, 0.2841, 0.3126

Tritanomaly

17.1241, 0.2479, 0.3180

Monochromacy



Original Color

17.0965, 0.2518, 0.3355

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

15.1538, 0.2851, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0965, 0.2518, 0.3355 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(62, 125, 122)` looks like.

```
.text, #text, p{  
    color:rgb(62, 125, 122)  
}
```

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(62, 125, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 125, 122) }
```

Border

The CSS property to change the border of an element to Yxy 17.0965, 0.2518, 0.3355 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(62, 125, 122) }
```

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

```
.border{ border-color:rgb(62, 125, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 125, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 125, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 125, 122);  
box-shadow:4px 4px 4px 4px rgb(62, 125,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0965, 0.2518, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 125, 122) }
```

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

```
.background{ background-color: rgb(62, 125,  
122) }
```

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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