

Converting Colors

$Y_{xy}(18.3092, 0.3115, 0.4443)$

Have a look what the booklet for
Yxy(18.3092, 0.3115, 0.4443)
contains.

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Color

Yxy(18.3092, 0.3115, 0.4443)

Conversions

Conversions Part 1

Format	Color
Hex	52824E
RGB	82, 130, 78
RGB Percent	32%, 51%, 31%
CMY	0.6785, 0.4902, 0.6942
CMYK	0.37, 0.00, 0.40, 0.49
HSL	115°, 25%, 41%
HSV	115°, 40%, 51%
XYZ	12.8366, 18.3092, 10.0633
YIQ	109.7200, -11.9160, -26.3480

Conversions

Conversions Part 2

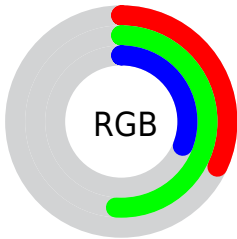
Format	Color
RYB	78, 130, 126
Decimal	5407310
CIELab	49.87, -27.39, 23.14
CIElCh	50, 35.855, 139.802
Yxy	18.3092, 0.3115, 0.4443
Android (android.graphics.Color)	4283597390 (0xFF52824E)
YUV	109.7200, -15.6380, -24.3104
Hunter-Lab	42.7893, -21.3318, 16.0085

Details

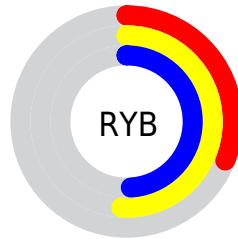
The Yxy color **18.3092, 0.3115, 0.4443** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11.4953, 0.3110, 0.2328**, and the grayscale version is **15.5563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.4120, 0.3128, 0.4144**, and **6.1649, 0.3059, 0.5020** is the 20% darker color. If you saturate the color by 10%, you get **17.6499, 0.3105, 0.4781**, and if you desaturate by 10%, it is **19.1010, 0.3122, 0.4116**.

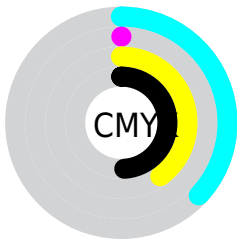
Distribution



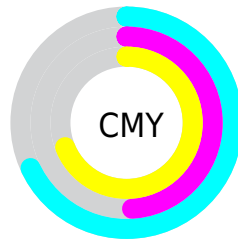
- Red (32%)
- Green (51%)
- Blue (31%)



- Red (31%)
- Yellow (51%)
- Blue (49%)



- Cyan (37%)
- Magenta (0%)
- Yellow (40%)
- Black (49%)




- Cyan (68%)
- Magenta (49%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3092, 0.3115, 0.4443 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 18.3092, 0.3115, 0.4443 by changing the saturation by 10% instead.


 18.3092, 0.3115,
0.4443


 18.3092, 0.3115,
0.4443


242.6081, 0.3142,
0.3745


 11.1722, 0.3093,
0.4675


 40.5635, 0.3133,
0.4152


 6.1828, 0.3049,
0.5017

 56.4496, 0.3137,
0.4055

 2.9565, 0.2955,
0.5579

 76.0208, 0.3140,
0.3977

 1.1091, 0.2501,
0.7499

 99.6616, 0.3141,
0.3914

 0.0000, 0.0000,
0.0000

 127.7563, 0.3142,
0.3861

160.6894, 0.3142,

0.3816

198.8452, 0.3142,
0.3778

■ 18.3092, 0.3115,
0.4443

■ 18.3092, 0.3115,
0.4443

■ 17.6499, 0.3105,
0.4781

■ 19.1010, 0.3122,
0.4116

■ 17.1137, 0.3092,
0.5114

■ 20.0296, 0.3126,
0.3812

■ 16.6936, 0.3075,
0.5418


■ 21.1018, 0.3127,
0.3536

■ 16.3810, 0.3057,
0.5671

■ 22.3234, 0.3127,
0.3290

■ 16.1660, 0.3037,
0.5855

■ 23.6998, 0.3126,
0.3075

 16.0311, 0.3025,
0.5980

 25.2362, 0.3124,
0.2887

 26.9374, 0.3121,
0.2723

 28.8083, 0.3118,
0.2582

 30.8532, 0.3114,
0.2460

Harmonies

Analogous

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



18.3092, 0.3769, 0.4521



18.3092, 0.3115, 0.4443



18.3092, 0.2499, 0.3915

Triad

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



18.3092, 0.3115, 0.4443



18.3092, 0.2046, 0.2304



18.3092, 0.4285, 0.3219

Complementary

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



18.3092, 0.3115, 0.4443



11.4953, 0.3110, 0.2328

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.



18.3092, 0.3718, 0.2753



18.3092, 0.3115, 0.4443



18.3092, 0.2420, 0.2245

Square

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



18.3092, 0.3115, 0.4443



18.3092, 0.1929, 0.2619



18.3092, 0.3017, 0.2408



18.3092, 0.4489, 0.3734

Rectangle

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



18.3092, 0.3115, 0.4443



18.3092, 0.2191, 0.3434



18.3092, 0.3017, 0.2408



18.3092, 0.4128, 0.3055

Sweetspot

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



18.3100, 0.3115, 0.4443



36.7092, 0.3127, 0.3595



20.1337, 0.3729, 0.4170



8.2639, 0.3127, 0.3623



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



18.3100, 0.3115, 0.4443



31.1782, 0.3106, 0.4750



18.4995, 0.2869, 0.3958



4.8333, 0.3127, 0.3512



15.3715, 0.3025, 0.5980



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.4953, 0.3110, 0.2328



17.4290, 0.3101, 0.2123



11.2835, 0.3521, 0.2711



4.3961, 0.3126, 0.3077



5.3755, 0.3023, 0.1439



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 18.3092, 0.3115, 0.4443 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 18.3092, 0.3115, 0.4443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

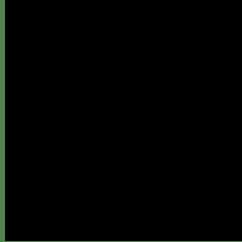
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.3092, 0.3115, 0.4443

Background



This preview shows how black text looks on a background with the Yxy color 18.3092, 0.3115, 0.4443.



This preview shows how white text looks on a background with the Yxy color 18.3092, 0.3115, 0.4443.

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

18.3092, 0.3115, 0.4443

Protanopia

18.1050, 0.3825, 0.4138

Deuteranopia

18.0822, 0.3918, 0.3848



Tritanopia

18.1347, 0.2679, 0.3088

Trichromacy



Original Color

18.3092, 0.3115, 0.4443

Protanomaly

17.8718, 0.3542, 0.4245

Deuteranomaly

17.7808, 0.3598, 0.4042

Tritanomaly

18.1887, 0.2835, 0.3565

Monochromacy



Original Color

18.3092, 0.3115, 0.4443

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

16.3137, 0.3133, 0.3698

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3092, 0.3115, 0.4443 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(82, 130, 78)` looks like.

```
.text, #text, p{  
    color:rgb(82, 130, 78)  
}
```

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(82, 130, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 130, 78) }
```

Border

The CSS property to change the border of an element to Yxy 18.3092, 0.3115, 0.4443 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(82, 130, 78) }
```

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

```
.border{ border-color:rgb(82, 130, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 130, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 130, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 130, 78);  
box-shadow:4px 4px 4px 4px rgb(82, 130,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3092, 0.3115, 0.4443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 130, 78) }
```

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

```
.background{ background-color: rgb(82, 130,  
78) }
```

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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