

Converting Colors

$Y_{xy}(14.4332, 0.3089, 0.4974)$

Have a look what the booklet for
Yxy(14.4332, 0.3089, 0.4974)
contains.

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Color

Yxy(14.5507, 0.3095, 0.4991)

Conversions

Conversions Part 1

Format	Color
Hex	397834
RGB	57, 120, 52
RGB Percent	22%, 47%, 20%
CMY	0.7765, 0.5294, 0.7961
CMYK	0.53, 0.00, 0.57, 0.53
HSL	116°, 40%, 34%
HSV	116°, 57%, 47%
XYZ	9.0231, 14.5507, 5.5801
YIQ	93.4110, -15.7200, -34.5040

Conversions

Conversions Part 2

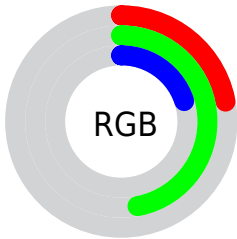
Format	Color
RYB	52, 120, 115
Decimal	3766324
CIELab	45.01, -34.89, 30.91
CIELCh	45, 46.612, 138.468
Yxy	14.5507, 0.3095, 0.4991
Android (android.graphics.Color)	4281956404 (0xFF397834)
YUV	93.4110, -20.4156, -31.9324
Hunter-Lab	38.1454, -24.5310, 18.0286

Details

The Yxy color **14.5507, 0.3095, 0.4991** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.4555, 0.3097, 0.1976**, and the grayscale version is **11.0987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0779, 0.3133, 0.4524**, and **4.5152, 0.2971, 0.5897** is the 20% darker color. If you saturate the color by 10%, you get **14.1649, 0.3080, 0.5307**, and if you desaturate by 10%, it is **15.0368, 0.3107, 0.4656**.

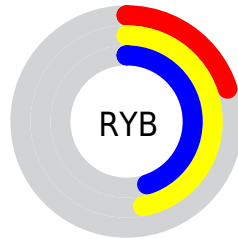
Distribution



Red (22%)

Green (47%)

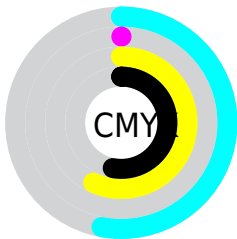
Blue (20%)



Red (20%)

Yellow (47%)

Blue (45%)

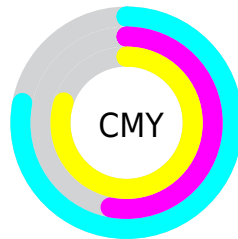


Cyan (53%)

Magenta (0%)

Yellow (57%)

Black (53%)



Cyan (78%)


Magenta (53%)

Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5507, 0.3095, 0.4991 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 14.5507, 0.3095, 0.4991 by changing the saturation by 10% instead.


 14.5507, 0.3095,
0.4991


 14.5507, 0.3095,
0.4991


220.6304, 0.3158,
0.3920


 8.5047, 0.3038,
0.5367


 34.0630, 0.3140,
0.4530


 4.4195, 0.2917,
0.5936

 48.2981, 0.3149,
0.4381


 1.9109, 0.2758,
0.7242

 66.0317, 0.3154,
0.4263

 0.5549, 0.0000,
1.0000

 87.6481, 0.3156,
0.4168

 0.0000, 0.0000,
0.0000

 113.5318, 0.3158,
0.4089

 144.0671, 0.3158,

0.4024

179.6385, 0.3159,
0.3968

■ 14.5507, 0.3095,
0.4991

■ 14.5507, 0.3095,
0.4991

■ 14.1649, 0.3080,
0.5307

■ 15.0368, 0.3107,
0.4656

■ 13.8707, 0.3062,
0.5580

■ 15.6275, 0.3116,
0.4323

■ 13.6610, 0.3043,
0.5792

■ 16.3292, 0.3122,
0.4005

■ 13.5245, 0.3028,
0.5936

■ 17.1471, 0.3126,
0.3713

■ 13.4908, 0.3026,
0.5979

■ 18.0862, 0.3127,
0.3449

■ 19.1512, 0.3127,
0.3216

■ 20.3464, 0.3126,
0.3011

■ 21.6761, 0.3124,
0.2833

■ 23.1443, 0.3121,
0.2678

Harmonies

Analogous

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



14.5507, 0.3973, 0.4972



14.5507, 0.3095, 0.4991



14.5507, 0.2272, 0.4236

Triad

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



14.5507, 0.3095, 0.4991



14.5507, 0.1684, 0.1974



14.5507, 0.4724, 0.3119

Complementary

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



14.5507, 0.3095, 0.4991



7.4555, 0.3097, 0.1976

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.



14.5507, 0.3899, 0.2537



14.5507, 0.3095, 0.4991



14.5507, 0.2137, 0.1909

Square

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



14.5507, 0.3095, 0.4991



14.5507, 0.1546, 0.2367



14.5507, 0.2914, 0.2110



14.5507, 0.5003, 0.3771

Rectangle

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



14.5507, 0.3095, 0.4991



14.5507, 0.1871, 0.3510



14.5507, 0.2914, 0.2110



14.5507, 0.4496, 0.2913

Sweetspot

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



14.5513, 0.3095, 0.4991



30.0436, 0.3125, 0.3733



16.3516, 0.3960, 0.4490



7.0643, 0.3125, 0.3777



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.



14.5513, 0.3095, 0.4991



24.7411, 0.3075, 0.5394



14.7476, 0.2794, 0.4295



4.4628, 0.3127, 0.3510



14.7139, 0.3025, 0.5980



70.0381, 0.3012, 0.5991

Inverse Universe

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



7.4555, 0.3097, 0.1976



10.9209, 0.3081, 0.1747



7.2150, 0.3759, 0.2490



4.0632, 0.3126, 0.3078



5.1753, 0.3031, 0.1443



24.5262, 0.3021, 0.1438

Previews

White Background



This preview shows how the Yxy color 14.5507, 0.3095, 0.4991 looks on a white background.

Color Contrast Check

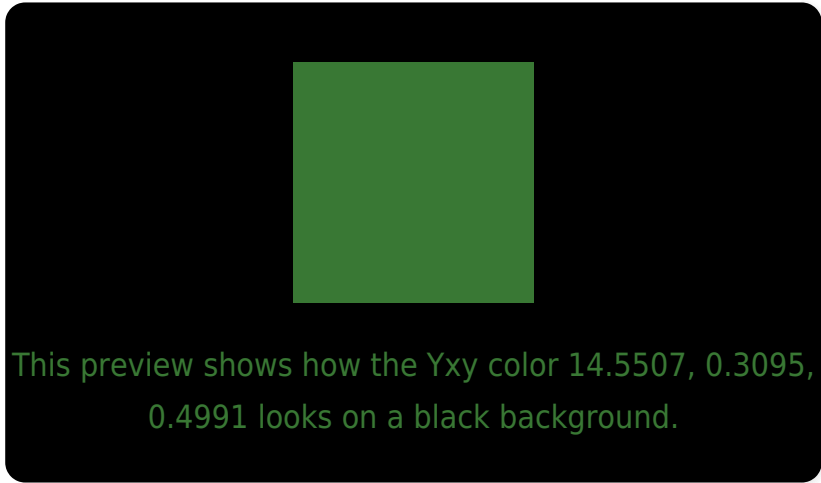
Large Text (above 18pt) WCAG AA ✓ Pass

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

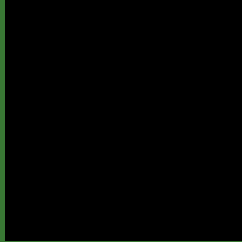
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5507, 0.3095, 0.4991

Background



This preview shows how black text looks on a background with the Yxy color 14.5507, 0.3095, 0.4991.



This preview shows how white text looks on a background with the Yxy color 14.5507, 0.3095, 0.4991.

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

14.5507, 0.3095, 0.4991

Protanopia

14.3730, 0.4060, 0.4435

Deuteranopia

14.3486, 0.4193, 0.4121



Tritanopia

14.5931, 0.2557, 0.3087

Trichromacy



Original Color

14.5507, 0.3095, 0.4991

Protanomaly

14.0774, 0.3666, 0.4664

Deuteranomaly

13.8845, 0.3731, 0.4449

Tritanomaly

14.5471, 0.2761, 0.3748

Monochromacy



Original Color

14.5507, 0.3095, 0.4991

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

11.9560, 0.3126, 0.3920

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5507, 0.3095, 0.4991 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(57, 120, 52)` looks like.

```
.text, #text, p{  
    color:rgb(57, 120, 52)  
}
```

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(57, 120, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 120, 52) }
```

Border

The CSS property to change the border of an element to Yxy 14.5507, 0.3095, 0.4991 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(57, 120, 52) }
```

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

```
.border{ border-color:rgb(57, 120, 52) }
```

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

Here you see how a box with a 4 pixel rgb(57, 120, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 120, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 120, 52);  
box-shadow:4px 4px 4px 4px rgb(57, 120,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5507, 0.3095, 0.4991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 120, 52) }
```

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

```
.background{ background-color: rgb(57, 120,  
52) }
```

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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