

Converting Colors

$Y_{xy}(14.7999, 0.3669, 0.4967)$

Have a look what the booklet for
Yxy(14.7999, 0.3669, 0.4967)
contains.

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Color

Yxy(14.8997, 0.3672, 0.4977)

Conversions

Conversions Part 1

Format	Color
Hex	5C7425
RGB	92, 116, 37
RGB Percent	36%, 45%, 15%
CMY	0.6392, 0.5451, 0.8550
CMYK	0.21, 0.00, 0.68, 0.55
HSL	78°, 52%, 30%
HSV	78°, 68%, 45%
XYZ	10.9929, 14.8997, 4.0445
YIQ	99.8180, 11.0550, -29.6570

Conversions

Conversions Part 2

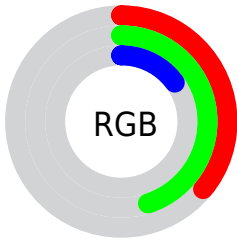
Format	Color
R_{YB}	37, 116, 61
Decimal	6059045
CIE Lab	45.50, -21.46, 39.30
CIE LCh	45, 44.775, 118.641
Yxy	14.8997, 0.3672, 0.4977
Android (android.graphics.Color)	4284249125 (0xFF5C7425)
YUV	99.8180, -30.9693, -6.8564
Hunter-Lab	38.6001, -16.7153, 20.8077

Details

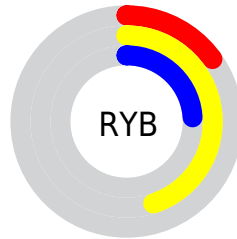
The Yxy color **14.8997, 0.3672, 0.4977** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.5738, 0.2188, 0.1363**, and the grayscale version is **12.7733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.6064, 0.3584, 0.4563**, and **4.6478, 0.3627, 0.5502** is the 20% darker color. If you saturate the color by 10%, you get **14.6615, 0.3699, 0.5167**, and if you desaturate by 10%, it is **15.1708, 0.3624, 0.4754**.

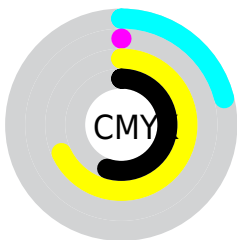
Distribution



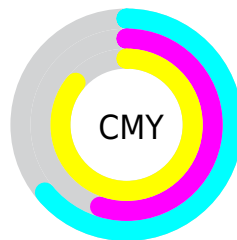
- Red (36%)
- Green (45%)
- Blue (15%)



- Red (15%)
- Yellow (45%)
- Blue (24%)



- Cyan (21%)
- Magenta (0%)
- Yellow (68%)
- Black (55%)




- Cyan (64%)
- Magenta (55%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8997, 0.3672, 0.4977 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 14.8997, 0.3672, 0.4977 by changing the saturation by 10% instead.


 14.8997, 0.3672,
0.4977

 14.8997, 0.3672,
0.4977


222.7583, 0.3402,
0.3957


 8.7490, 0.3708,
0.5293


 34.6771, 0.3586,
0.4559


 4.5778, 0.3768,
0.5817

 49.0727, 0.3549,
0.4416


 2.0018, 0.3619,
0.6381

 66.9853, 0.3515,
0.4301

 0.6085, 0.0821,
0.9179

 88.7994, 0.3486,
0.4207

 0.0000, 0.0000,
0.0000

 114.8993, 0.3461,
0.4129

 145.6695, 0.3439,

0.4062

181.4944, 0.3419,
0.4006

14.8997, 0.3672,
0.4977

14.8997, 0.3672,
0.4977

14.6615, 0.3699,
0.5167

15.1708, 0.3624,
0.4754

14.4519, 0.3703,
0.5316

15.4750, 0.3558,
0.4507

14.2648, 0.3690,
0.5432

15.8147, 0.3479,
0.4248

14.2309, 0.3687,
0.5454

16.1918, 0.3391,
0.3985

16.6078, 0.3298,
0.3728

■ 17.0641, 0.3203,
0.3480

■ 17.5623, 0.3110,
0.3248

■ 18.1035, 0.3019,
0.3031

■ 18.6892, 0.2933,
0.2833

Harmonies

Analogous

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



14.8997, 0.4429, 0.4604



14.8997, 0.3672, 0.4977



14.8997, 0.2819, 0.4733

Triad

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



14.8997, 0.3672, 0.4977



14.8997, 0.1616, 0.2240



14.8997, 0.4170, 0.2747

Complementary

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



14.8997, 0.3672, 0.4977



3.5738, 0.2188, 0.1363

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.



14.8997, 0.3236, 0.2273



14.8997, 0.3672, 0.4977



14.8997, 0.1852, 0.1972

Square

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



14.8997, 0.3672, 0.4977



14.8997, 0.1688, 0.2873



14.8997, 0.2399, 0.1998



14.8997, 0.4810, 0.3343

Rectangle

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



14.8997, 0.3672, 0.4977



14.8997, 0.2309, 0.4182



14.8997, 0.2399, 0.1998



14.8997, 0.3870, 0.2571

Sweetspot

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



14.9004, 0.3672, 0.4977



29.0116, 0.3320, 0.3788



7.1504, 0.4840, 0.3767



6.8817, 0.3341, 0.3845



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.9004, 0.3672, 0.4977



25.5458, 0.3704, 0.5261



13.3758, 0.3174, 0.5283



4.2131, 0.3212, 0.3503



15.9596, 0.3684, 0.5457



77.3090, 0.3657, 0.5478

Inverse Universe

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



3.5738, 0.2188, 0.1363



4.1125, 0.1943, 0.0988



5.3032, 0.2889, 0.1686



3.6388, 0.3037, 0.3074



1.8115, 0.1738, 0.0731



8.4278, 0.1690, 0.0705

Previews

White Background



This preview shows how the Yxy color 14.8997, 0.3672, 0.4977 looks on a white background.

Color Contrast Check

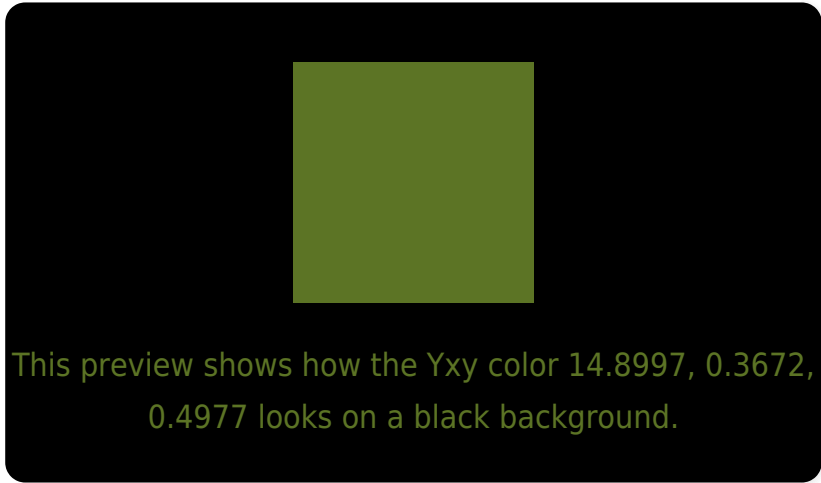
Large Text (above 18pt) WCAG AA ✓ Pass

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

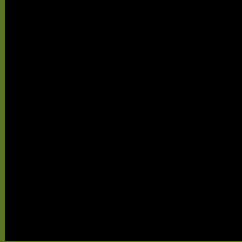
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.8997, 0.3672, 0.4977

Background



This preview shows how black text looks on a background with the Yxy color 14.8997, 0.3672, 0.4977.



This preview shows how white text looks on a background with the Yxy color 14.8997, 0.3672, 0.4977.

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

14.8997, 0.3672, 0.4977

Protanopia

14.8395, 0.4191, 0.4638

Deuteranopia

14.7382, 0.4414, 0.4337



Tritanopia

14.7762, 0.2925, 0.3100

Trichromacy



Original Color

14.8997, 0.3672, 0.4977

Protanomaly

14.8113, 0.3996, 0.4760

Deuteranomaly

14.5905, 0.4145, 0.4565

Tritanomaly

14.6701, 0.3237, 0.3805

Monochromacy



Original Color

14.8997, 0.3672, 0.4977

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

13.3853, 0.3379, 0.3959

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8997, 0.3672, 0.4977 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(92, 116, 37)` looks like.

```
.text, #text, p{  
    color:rgb(92, 116, 37)  
}
```

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(92, 116, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 116, 37) }
```

Border

The CSS property to change the border of an element to Yxy 14.8997, 0.3672, 0.4977 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(92, 116, 37) }
```

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

```
.border{ border-color:rgb(92, 116, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 116, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 116, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 116, 37);  
box-shadow:4px 4px 4px 4px rgb(92, 116,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8997, 0.3672, 0.4977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 116, 37) }
```

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

```
.background{ background-color: rgb(92, 116,  
37) }
```

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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