

Converting Colors

$Y_{xy}(14.3252, 0.3638, 0.5235)$

Have a look what the booklet for
Yxy(14.3252, 0.3638, 0.5235)
contains.

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Color

Yxy(14.3957, 0.3629, 0.5237)

Conversions

Conversions Part 1

Format	Color
Hex	537418
RGB	83, 116, 24
RGB Percent	33%, 45%, 9%
CMY	0.6746, 0.5451, 0.9059
CMYK	0.28, 0.00, 0.79, 0.55
HSL	82°, 66%, 27%
HSV	82°, 79%, 45%
XYZ	9.9756, 14.3957, 3.1172
YIQ	95.6450, 9.8640, -35.6080

Conversions

Conversions Part 2

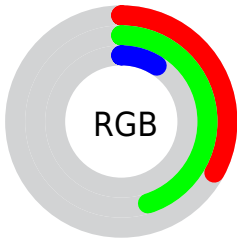
Format	Color
R_{YB}	24, 116, 57
Decimal	5469208
CIE _{Lab}	44.80, -26.20, 43.64
CIE _{LCh}	45, 50.896, 120.979
Yxy	14.3957, 0.3629, 0.5237
Android (android.graphics.Color)	4283659288 (0xFF537418)
YUV	95.6450, -35.3210, -11.0897
Hunter-Lab	37.9417, -19.4670, 21.6881

Details

The Yxy color **14.3957, 0.3629, 0.5237** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2.7859, 0.2089, 0.1126**, and the grayscale version is **11.6911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7475, 0.3581, 0.4753**, and **4.3544, 0.3454, 0.5640** is the 20% darker color. If you saturate the color by 10%, you get **14.1741, 0.3622, 0.5391**, and if you desaturate by 10%, it is **14.6505, 0.3613, 0.5041**.

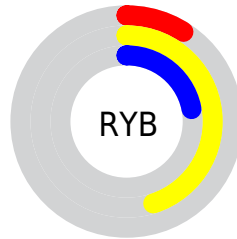
Distribution



Red (33%)

Green (45%)

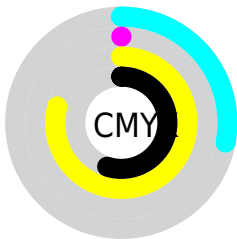
Blue (9%)



Red (9%)

Yellow (45%)

Blue (22%)

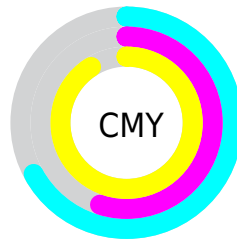


Cyan (28%)

Magenta (0%)

Yellow (79%)

Black (55%)



Cyan (67%)


Magenta (55%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3957, 0.3629, 0.5237 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 14.3957, 0.3629, 0.5237 by changing the saturation by 10% instead.


 14.3957, 0.3629,
0.5237


 14.3957, 0.3629,
0.5237


 219.6788, 0.3405,
0.4053


 8.3964, 0.3631,
0.5599


 33.7895, 0.3572,
0.4752


 4.3496, 0.3694,
0.6306

 47.9528, 0.3541,
0.4586


 1.8710, 0.3295,
0.6705


 65.6062, 0.3511,
0.4452

 0.5309, 0.0000,
1.0000


 87.1341, 0.3485,
0.4343

 0.0000, 0.0000,
0.0000

 112.9209, 0.3461,
0.4252


 143.3511, 0.3440,

0.4175


 178.8089, 0.3421,
0.4109


 14.3957, 0.3629,
0.5237


 14.3957, 0.3629,
0.5237


 14.1741, 0.3622,
0.5391

 14.6505, 0.3613,
0.5041


 13.9758, 0.3601,
0.5515

 14.9392, 0.3577,
0.4810

 13.9625, 0.3599,
0.5524

 15.2646, 0.3522,
0.4557

 15.6286, 0.3454,
0.4291

 16.0332, 0.3376,
0.4022

■ 16.4799, 0.3292,
0.3760

■ 16.9704, 0.3207,
0.3509

■ 17.5062, 0.3121,
0.3274

■ 18.0885, 0.3038,
0.3057

Harmonies

Analogous

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



14.3957, 0.4504, 0.4786



14.3957, 0.3629, 0.5237



14.3957, 0.2678, 0.4926

Triad

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



14.3957, 0.3629, 0.5237



14.3957, 0.1455, 0.2060



14.3957, 0.4398, 0.2717

Complementary

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



14.3957, 0.3629, 0.5237



2.7859, 0.2089, 0.1126

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.



14.3957, 0.3326, 0.2186



14.3957, 0.3629, 0.5237



14.3957, 0.1736, 0.1809

Square

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



14.3957, 0.3629, 0.5237



14.3957, 0.1497, 0.2720



14.3957, 0.2361, 0.1866



14.3957, 0.5083, 0.3369

Rectangle

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



14.3957, 0.3629, 0.5237



14.3957, 0.2126, 0.4237



14.3957, 0.2361, 0.1866



14.3957, 0.4057, 0.2521

Sweetspot

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



14.3963, 0.3629, 0.5237



28.5386, 0.3337, 0.3898



6.6280, 0.5142, 0.3876



6.7556, 0.3361, 0.3974



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.



14.3963, 0.3629, 0.5237



24.6326, 0.3601, 0.5483



12.9671, 0.3111, 0.5599



4.2036, 0.3204, 0.3503



15.6560, 0.3596, 0.5527



75.7989, 0.3565, 0.5551

Inverse Universe

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



2.7859, 0.2089, 0.1126



3.3051, 0.1854, 0.0826



4.7517, 0.2926, 0.1548



3.6480, 0.3045, 0.3075



1.9496, 0.1815, 0.0774



9.0566, 0.1764, 0.0746

Previews

White Background



This preview shows how the Yxy color 14.3957, 0.3629, 0.5237 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 14.3957, 0.3629, 0.5237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

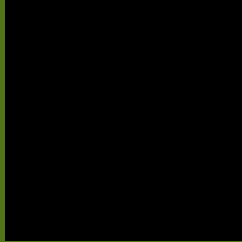
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3957, 0.3629, 0.5237

Background



This preview shows how black text looks on a background with the Yxy color 14.3957, 0.3629, 0.5237.



This preview shows how white text looks on a background with the Yxy color 14.3957, 0.3629, 0.5237.

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

14.3957, 0.3629, 0.5237

Protanopia

14.2841, 0.4304, 0.4766

Deuteranopia

14.2052, 0.4523, 0.4433



Tritanopia

14.3892, 0.2837, 0.3095

Trichromacy



Original Color

14.3957, 0.3629, 0.5237

Protanomaly

14.2740, 0.4045, 0.4950

Deuteranomaly

14.0416, 0.4190, 0.4727

Tritanomaly

14.1671, 0.3189, 0.3942

Monochromacy



Original Color

14.3957, 0.3629, 0.5237

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

12.3668, 0.3392, 0.4085

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3957, 0.3629, 0.5237 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(83, 116, 24)` looks like.

```
.text, #text, p{  
    color:rgb(83, 116, 24)  
}
```

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(83, 116, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 116, 24) }
```

Border

The CSS property to change the border of an element to Yxy 14.3957, 0.3629, 0.5237 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(83, 116, 24) }
```

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

```
.border{ border-color:rgb(83, 116, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 116, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 116, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 116, 24);  
box-shadow:4px 4px 4px 4px rgb(83, 116,  
24) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3957, 0.3629, 0.5237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 116, 24) }
```

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

```
.background{ background-color: rgb(83, 116,  
24) }
```

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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