

Converting Colors

$Y_{xy}(14.0475, 0.3309, 0.5754)$

Have a look what the booklet for
Yxy(14.0475, 0.3309, 0.5754)
contains.

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Color

Yxy(14.1630, 0.3306, 0.5757)

Conversions

Conversions Part 1

Format	Color
Hex	347800
RGB	52, 120, 0
RGB Percent	20%, 47%, 0%
CMY	0.7960, 0.5294, 1.0000
CMYK	0.57, 0.00, 1.00, 0.53
HSL	94°, 100%, 24%
HSV	94°, 100%, 47%
XYZ	8.1332, 14.1630, 2.3051
YIQ	85.9880, -2.0080, -51.7360

Conversions

Conversions Part 2

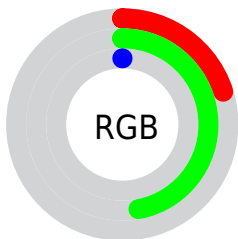
Format	Color
RYB	0, 120, 68
Decimal	3438592
CIELab	44.47, -40.30, 48.92
CIELCh	44, 63.382, 129.477
Yxy	14.1630, 0.3306, 0.5757
Android (android.graphics.Color)	4281628672 (0xFF347800)
YUV	85.9880, -42.3921, -29.8075
Hunter-Lab	37.6338, -27.2826, 22.7120

Details

The Yxy color **14.1630, 0.3306, 0.5757** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **2.5851, 0.2193, 0.0982**, and the grayscale version is **9.3968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3607, 0.3361, 0.5126**, and **4.3803, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **14.1634, 0.3306, 0.5757**, and if you desaturate by 10%, it is **14.3838, 0.3346, 0.5612**.

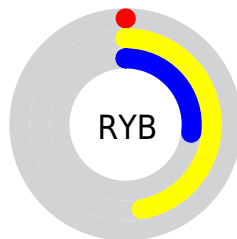
Distribution



Red (20%)

Green (47%)

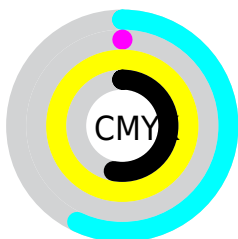
Blue (0%)



Red (0%)

Yellow (47%)

Blue (27%)

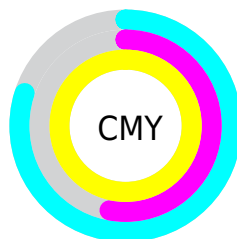


Cyan (57%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (80%)


Magenta (53%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1630, 0.3306, 0.5757 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 14.1630, 0.3306, 0.5757 by changing the saturation by 10% instead.


 14.1630, 0.3306,
0.5757


 14.1630, 0.3306,
0.5757


218.2425, 0.3314,
0.4227


 8.2341, 0.3206,
0.6237


 33.3780, 0.3362,
0.5124


 4.2451, 0.3018,
0.6982

 47.4328, 0.3363,
0.4909


 1.8116, 0.2291,
0.7709

 64.9652, 0.3358,
0.4736

 0.4944, 0.0000,
1.0000


 86.3594, 0.3350,
0.4596


 0.0000, 0.0000,
0.0000


 111.9998, 0.3341,
0.4480


 142.2709, 0.3332,

0.4382

 177.5570, 0.3323,
0.4299


 14.1630, 0.3306,
0.5757


 14.1630, 0.3306,
0.5757


 14.1634, 0.3306,
0.5757

 14.3838, 0.3346,
0.5612

 14.6440, 0.3376,
0.5432

 14.9542, 0.3389,
0.5204

 15.3180, 0.3383,
0.4939

 15.7384, 0.3362,
0.4653

■ 16.2184, 0.3327,
0.4359

■ 16.7605, 0.3284,
0.4068

■ 17.3671, 0.3234,
0.3790

■ 18.0406, 0.3181,
0.3529

Harmonies

Analogous

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



14.1630, 0.4401, 0.5234



14.1630, 0.3306, 0.5757



14.1630, 0.2224, 0.5081

Triad

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



14.1630, 0.3306, 0.5757



14.1630, 0.1226, 0.1685



14.1630, 0.5025, 0.2774

Complementary

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



14.1630, 0.3306, 0.5757



2.5851, 0.2193, 0.0982

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.



14.1630, 0.3740, 0.2126



14.1630, 0.3306, 0.5757



14.1630, 0.1638, 0.1532

Square

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



14.1630, 0.3306, 0.5757



14.1630, 0.1155, 0.2267



14.1630, 0.2473, 0.1690



14.1630, 0.5600, 0.3516

Rectangle

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



14.1630, 0.3306, 0.5757



14.1630, 0.1659, 0.4028



14.1630, 0.2473, 0.1690



14.1630, 0.4643, 0.2542

Sweetspot

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



14.1636, 0.3306, 0.5757



29.4036, 0.3287, 0.4089



7.8902, 0.5213, 0.4243



6.8889, 0.3303, 0.4188



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.



14.1636, 0.3306, 0.5757



24.8342, 0.3289, 0.5770



13.4464, 0.2985, 0.5948



4.5270, 0.3176, 0.3507



15.4431, 0.3303, 0.5759



73.1812, 0.3267, 0.5788

Inverse Universe

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



2.5851, 0.2193, 0.0982



4.4664, 0.2171, 0.0970



5.2083, 0.3333, 0.1610



3.9951, 0.3074, 0.3075



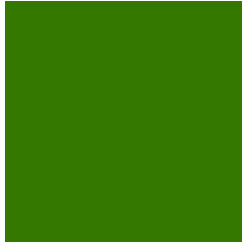
2.8113, 0.2190, 0.0980



12.8999, 0.2141, 0.0953

Previews

White Background



This preview shows how the Yxy color 14.1630, 0.3306, 0.5757 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 14.1630, 0.3306, 0.5757 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 14.1630, 0.3306, 0.5757

Background



This preview shows how black text looks on a background with the Yxy color 14.1630, 0.3306, 0.5757.



This preview shows how white text looks on a background with the Yxy color 14.1630, 0.3306, 0.5757.

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

14.1630, 0.3306, 0.5757

Protanopia

13.9547, 0.4392, 0.4894

Deuteranopia

13.8994, 0.4579, 0.4497



Tritanopia

14.2709, 0.2544, 0.3085

Trichromacy



Original Color

14.1630, 0.3306, 0.5757

Protanomaly

13.5315, 0.3951, 0.5245

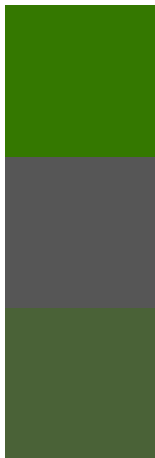
Deuteranomaly

13.4364, 0.4071, 0.4997

Tritanomaly

13.8541, 0.2923, 0.4254

Monochromacy



Original Color

14.1630, 0.3306, 0.5757

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

10.4670, 0.3344, 0.4441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1630, 0.3306, 0.5757 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(52, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(52, 120, 0)  
}
```

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(52, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 120, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.1630, 0.3306, 0.5757 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(52, 120, 0) }
```

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

```
.border{ border-color:rgb(52, 120, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 120, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(52, 120, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.1630, 0.3306, 0.5757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 120, 0) }
```

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

```
.background{ background-color: rgb(52, 120,  
0) }
```

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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