

Converting Colors

$Y_{xy}(14.2077, 0.3471, 0.5098)$

Have a look what the booklet for
Yxy(14.2077, 0.3471, 0.5098)
contains.

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Color

Yxy(14.2021, 0.3464, 0.5104)

Conversions

Conversions Part 1

Format	Color
Hex	4D7425
RGB	77, 116, 37
RGB Percent	30%, 45%, 15%
CMY	0.6981, 0.5451, 0.8548
CMYK	0.34, 0.00, 0.68, 0.55
HSL	90°, 52%, 30%
HSV	90°, 68%, 45%
XYZ	9.6387, 14.2021, 3.9846
YIQ	95.3330, 2.1150, -32.8370

Conversions

Conversions Part 2

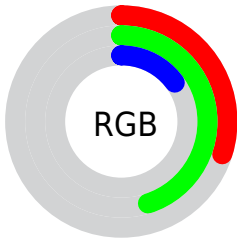
Format	Color
RYB	37, 116, 76
Decimal	5076005
CIELab	44.52, -27.70, 37.95
CIELCh	45, 46.983, 126.131
Yxy	14.2021, 0.3464, 0.5104
Android (android.graphics.Color)	4283266085 (0xFF4D7425)
YUV	95.3330, -28.7582, -16.0780
Hunter-Lab	37.6857, -20.2956, 20.1111

Details

The Yxy color **14.2021, 0.3464, 0.5104** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4.1235, 0.2438, 0.1479**, and the grayscale version is **11.5975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3443, 0.3435, 0.4630**, and **4.2473, 0.3325, 0.5742** is the 20% darker color. If you saturate the color by 10%, you get **13.9131, 0.3464, 0.5329**, and if you desaturate by 10%, it is **14.5365, 0.3445, 0.4846**.

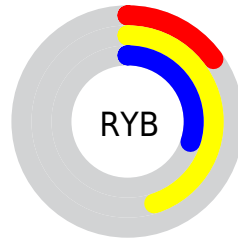
Distribution



Red (30%)

Green (45%)

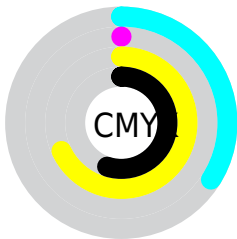
Blue (15%)



Red (15%)

Yellow (45%)

Blue (30%)

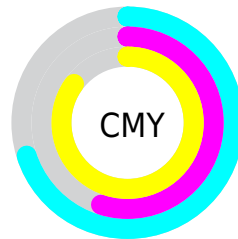


Cyan (34%)

Magenta (0%)

Yellow (68%)

Black (55%)



Cyan (70%)


Magenta (55%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2021, 0.3464, 0.5104 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 14.2021, 0.3464, 0.5104 by changing the saturation by 10% instead.


 14.2021, 0.3464,
0.5104


 14.2021, 0.3464,
0.5104


 218.4845, 0.3320,
0.3982


 8.2614, 0.3458,
0.5472


 33.4472, 0.3431,
0.4633


 4.2626, 0.3458,
0.6108

 47.5203, 0.3411,
0.4476

 1.8215, 0.3186,
0.6814

 65.0731, 0.3392,
0.4351

 0.5005, 0.0000,
1.0000

 86.4898, 0.3374,
0.4249

 0.0000, 0.0000,
0.0000

 112.1549, 0.3359,
0.4165

 142.4528, 0.3344,

0.4094

177.7679, 0.3332,
0.4034

14.2021, 0.3464,
0.5104

14.2021, 0.3464,
0.5104

13.9131, 0.3464,
0.5329

14.5365, 0.3445,
0.4846

13.6649, 0.3443,
0.5510

14.9170, 0.3410,
0.4569

13.4509, 0.3408,
0.5654

15.3465, 0.3363,
0.4285

13.4125, 0.3402,
0.5681

15.8271, 0.3306,
0.4004

16.3607, 0.3244,
0.3734

■ 16.9492, 0.3180,
0.3481

■ 17.5942, 0.3115,
0.3247

■ 18.2976, 0.3052,
0.3033

■ 19.0608, 0.2991,
0.2840

Harmonies

Analogous

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



14.2021, 0.4311, 0.4807



14.2021, 0.3464, 0.5104



14.2021, 0.2577, 0.4652

Triad

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



14.2021, 0.3464, 0.5104



14.2021, 0.1571, 0.2074



14.2021, 0.4455, 0.2859

Complementary

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



14.2021, 0.3464, 0.5104



4.1235, 0.2438, 0.1479

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.



14.2021, 0.3492, 0.2325



14.2021, 0.3464, 0.5104



14.2021, 0.1895, 0.1883

Square

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



14.2021, 0.3464, 0.5104



14.2021, 0.1561, 0.2632



14.2021, 0.2549, 0.1981



14.2021, 0.4995, 0.3497

Rectangle

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



14.2021, 0.3464, 0.5104



14.2021, 0.2084, 0.3973



14.2021, 0.2549, 0.1981



14.2021, 0.4159, 0.2666

Sweetspot

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



14.2027, 0.3464, 0.5104



28.5208, 0.3259, 0.3798



8.9056, 0.4594, 0.4064



6.7535, 0.3273, 0.3858



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.



14.2027, 0.3464, 0.5104



24.1845, 0.3454, 0.5443



13.0443, 0.3040, 0.5364



4.1808, 0.3186, 0.3504



15.0392, 0.3398, 0.5684



72.7773, 0.3361, 0.5713

Inverse Universe

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



4.1235, 0.2438, 0.1479



5.0806, 0.2237, 0.1141



6.2090, 0.3170, 0.1815



3.6704, 0.3064, 0.3076



2.3906, 0.2046, 0.0901



11.1417, 0.1994, 0.0872

Previews

White Background



This preview shows how the Yxy color 14.2021, 0.3464, 0.5104 looks on a white background.

Color Contrast Check

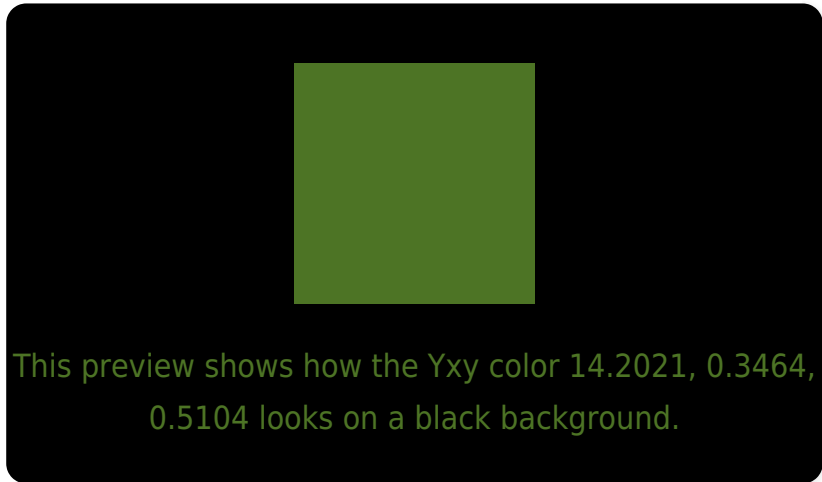
Large Text (above 18pt) WCAG AA ✓ Pass

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

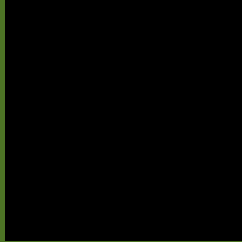
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2021, 0.3464, 0.5104

Background



This preview shows how black text looks on a background with the Yxy color 14.2021, 0.3464, 0.5104.



This preview shows how white text looks on a background with the Yxy color 14.2021, 0.3464, 0.5104.

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

14.2021, 0.3464, 0.5104

Protanopia

14.0006, 0.4194, 0.4632

Deuteranopia

14.0346, 0.4372, 0.4321



Tritanopia

14.0842, 0.2765, 0.3091

Trichromacy



Original Color

14.2021, 0.3464, 0.5104

Protanomaly

13.8834, 0.3905, 0.4819

Deuteranomaly

13.8477, 0.4025, 0.4602

Tritanomaly

13.9583, 0.3050, 0.3834

Monochromacy



Original Color

14.2021, 0.3464, 0.5104

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

12.2696, 0.3294, 0.3997

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2021, 0.3464, 0.5104 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(77, 116, 37)` looks like.

```
.text, #text, p{  
    color:rgb(77, 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(77, 116, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 116, 37) }
```

Border

The CSS property to change the border of an element to Yxy 14.2021, 0.3464, 0.5104 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(77, 116, 37) }
```

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

```
.border{ border-color:rgb(77, 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(77, 116, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 116, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 116, 37);  
box-shadow:4px 4px 4px 4px rgb(77, 116,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2021, 0.3464, 0.5104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 116, 37) }
```

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

```
.background{ background-color: rgb(77, 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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