

Converting Colors

$Y_{xy}(14.7548, 0.4111, 0.5108)$

Have a look what the booklet for
Yxy(14.7548, 0.4111, 0.5108)
contains.

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Color

Yxy(14.7163, 0.4116, 0.5106)

Conversions

Conversions Part 1

Format	Color
Hex	6B7001
RGB	107, 112, 1
RGB Percent	42%, 44%, 0%
CMY	0.5804, 0.5608, 0.9963
CMYK	0.04, 0.00, 0.99, 0.56
HSL	63°, 98%, 22%
HSV	63°, 99%, 44%
XYZ	11.8630, 14.7163, 2.2423
YIQ	97.8510, 32.6510, -35.5810

Conversions

Conversions Part 2

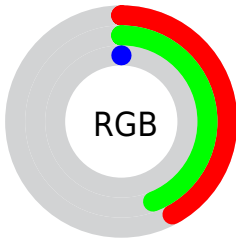
Format	Color
R_{YB}	1, 112, 6
Decimal	7041025
CIE Lab	45.24, -14.10, 50.77
CIE LCh	45, 52.694, 105.526
Yxy	14.7163, 0.4116, 0.5106
Android (android.graphics.Color)	4285231105 (0xFF6B7001)
YUV	97.8510, -47.7475, 8.0237
Hunter-Lab	38.3618, -11.9341, 23.3877

Details

The Yxy color **14.7163, 0.4116, 0.5106** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.2289, 0.1532, 0.0625**, and the grayscale version is **12.2890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5801, 0.3961, 0.4716**, and **4.5075, 0.4001, 0.5205** is the 20% darker color. If you saturate the color by 10%, you get **14.7123, 0.4118, 0.5112**, and if you desaturate by 10%, it is **14.7732, 0.4086, 0.5037**.

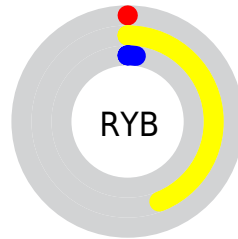
Distribution



Red (42%)

Green (44%)

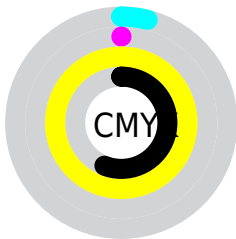
Blue (0%)



Red (0%)

Yellow (44%)

Blue (2%)

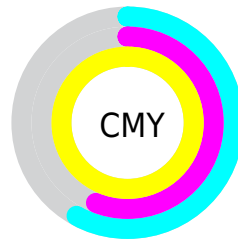


Cyan (4%)

Magenta (0%)

Yellow (99%)

Black (56%)



Cyan (58%)


Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7163, 0.4116, 0.5106 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 14.7163, 0.4116, 0.5106 by changing the saturation by 10% instead.


 14.7163, 0.4116,
0.5106


 14.7163, 0.4116,
0.5106


 221.6426, 0.3620,
0.4067


 8.6205, 0.4190,
0.5374


 34.3547, 0.3959,
0.4712


 4.4945, 0.4259,
0.5741

 48.6661, 0.3889,
0.4566


 1.9538, 0.4055,
0.5945

 66.4849, 0.3829,
0.4445

 0.5804, 0.2632,
0.7368


 88.1954, 0.3775,
0.4344


 0.0000, 0.0000,
0.0000

 114.1820, 0.3729,
0.4259


 144.8292, 0.3688,

0.4186


 180.5212, 0.3652,
0.4122


 14.7163, 0.4116,
0.5106

 14.7163, 0.4116,
0.5106

 14.7123, 0.4118,
0.5112

 14.7732, 0.4086,
0.5037

 14.8411, 0.4042,
0.4942

 14.9282, 0.3973,
0.4807

 15.0367, 0.3883,
0.4637

 15.1684, 0.3775,
0.4437

■ 15.3250, 0.3652,
0.4216

■ 15.5079, 0.3521,
0.3981

■ 15.7185, 0.3385,
0.3740

■ 15.9581, 0.3249,
0.3502

Harmonies

Analogous

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



14.7163, 0.4888, 0.4444



14.7163, 0.4116, 0.5106



14.7163, 0.3157, 0.5266

Triad

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



14.7163, 0.4116, 0.5106



14.7163, 0.1400, 0.2315



14.7163, 0.3878, 0.2401

Complementary

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



14.7163, 0.4116, 0.5106



1.2289, 0.1532, 0.0625

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.



14.7163, 0.2782, 0.1963



14.7163, 0.4116, 0.5106



14.7163, 0.1519, 0.1863

Square

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



14.7163, 0.4116, 0.5106



14.7163, 0.1622, 0.3240



14.7163, 0.1968, 0.1771



14.7163, 0.4854, 0.3013

Rectangle

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



14.7163, 0.4116, 0.5106



14.7163, 0.2523, 0.4844



14.7163, 0.1968, 0.1771



14.7163, 0.3499, 0.2231

Sweetspot

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



14.7170, 0.4116, 0.5106



27.1864, 0.3542, 0.4020



3.5480, 0.6331, 0.3334



6.5055, 0.3586, 0.4097



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



14.7170, 0.4116, 0.5106



25.8301, 0.4116, 0.5113



12.3418, 0.3355, 0.5707



3.9090, 0.3247, 0.3498



17.0047, 0.4118, 0.5112



84.6047, 0.4114, 0.5116

Inverse Universe

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



1.2289, 0.1532, 0.0625



2.0974, 0.1518, 0.0610



2.1567, 0.2141, 0.0960



3.3070, 0.3002, 0.3074



1.3873, 0.1523, 0.0613



6.8091, 0.1510, 0.0605

Previews

White Background



This preview shows how the Yxy color 14.7163, 0.4116, 0.5106 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 14.7163, 0.4116, 0.5106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

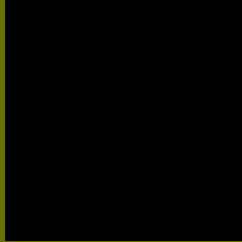
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.7163, 0.4116, 0.5106

Background



This preview shows how black text looks on a background with the Yxy color 14.7163, 0.4116, 0.5106.



This preview shows how white text looks on a background with the Yxy color 14.7163, 0.4116, 0.5106.

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

14.7163, 0.4116, 0.5106

Protanopia

14.5803, 0.4404, 0.4885

Deuteranopia

14.6973, 0.4616, 0.4568



Tritanopia

14.7153, 0.3177, 0.3128

Trichromacy



Original Color

14.7163, 0.4116, 0.5106

Protanomaly

14.6503, 0.4298, 0.4969

Deuteranomaly

14.6946, 0.4436, 0.4765

Tritanomaly

14.4280, 0.3666, 0.4034

Monochromacy



Original Color

14.7163, 0.4116, 0.5106

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

12.8261, 0.3640, 0.4201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7163, 0.4116, 0.5106 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(107, 112, 1)` looks like.

```
.text, #text, p{  
  color:rgb(107, 112, 1)  
}
```

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(107, 112, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 112, 1) }
```

Border

The CSS property to change the border of an element to Yxy 14.7163, 0.4116, 0.5106 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(107, 112, 1) }
```

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

```
.border{ border-color:rgb(107, 112, 1) }
```

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

Here you see how a box with a 4 pixel rgb(107, 112, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 112, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 112, 1);  
box-shadow:4px 4px 4px 4px rgb(107, 112,  
1) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7163, 0.4116, 0.5106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 112, 1) }
```

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

```
.background{ background-color: rgb(107,  
112, 1) }
```

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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