

Converting Colors

$Yxy(40.9738, 0.3715, 0.4465)$

Have a look what the booklet for
Yxy(40.9738, 0.3715, 0.4465)
contains.

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Color

Yxy(40.9738, 0.3715, 0.4465)

Conversions

Conversions Part 1

Format	Color
Hex	A8B25E
RGB	168, 178, 94
RGB Percent	66%, 70%, 37%
CMY	0.3411, 0.3020, 0.6314
CMYK	0.06, 0.00, 0.47, 0.30
HSL	67°, 35%, 53%
HSV	67°, 47%, 70%
XYZ	34.0913, 40.9738, 16.7015
YIQ	165.4340, 21.0040, -28.2440

Conversions

Conversions Part 2

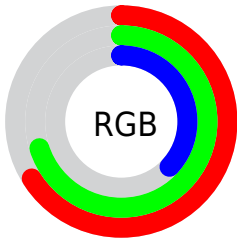
Format	Color
R_{YB}	94, 178, 104
Decimal	11055710
CIE _{Lab}	70.16, -16.12, 41.49
CIE _{LCh}	70, 44.507, 111.228
Yxy	40.9738, 0.3715, 0.4465
Android (android.graphics.Color)	4289245790 (0xFFA8B25E)
YUV	165.4340, -35.2170, 2.2504
Hunter-Lab	64.0108, -16.9521, 29.3378

Details

The Yxy color $40.9738, 0.3715, 0.4465$ is a dark color, and the websafe version is hex `CCCC66`. A complement of this color would be $14.1626, 0.2340, 0.1868$, and the grayscale version is $38.0131, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.9285, 0.3624, 0.4246$, and $18.4265, 0.3844, 0.4809$ is the 20% darker color. If you saturate the color by 10%, you get $40.4616, 0.3814, 0.4686$, and if you desaturate by 10%, it is $41.5672, 0.3600, 0.4223$.

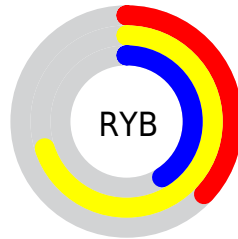
Distribution



Red (66%)

Green (70%)

Blue (37%)



Red (37%)

Yellow (70%)

Blue (41%)

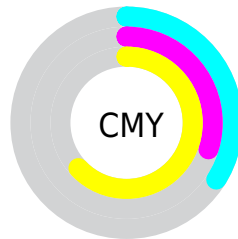


Cyan (6%)

Magenta (0%)

Yellow (47%)

Black (30%)



Cyan (34%)


Magenta (30%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9738, 0.3715, 0.4465 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 40.9738, 0.3715, 0.4465 by changing the saturation by 10% instead.


 40.9738, 0.3715,
0.4465


 40.9738, 0.3715,
0.4465

350.2111, 0.3438,
0.3858

 28.2986, 0.3774,
0.4617


 76.6441, 0.3621,
0.4242


 18.5509, 0.3840,
0.4811


 100.4080, 0.3584,
0.4159

 11.3462, 0.3911,
0.5060

 128.6370, 0.3551,
0.4089

 6.3002, 0.3978,
0.5393

 161.7154, 0.3523,
0.4029

 3.0285, 0.4066,
0.5934

200.0276, 0.3498,
0.3978

 1.1466, 0.3707,
0.6293

243.9580, 0.3476,

 0.0174, 0.0000,

0.3933

1.0000

293.8911, 0.3456,
0.3893

■ 0.0000, 0.0000,
0.0000

■ 40.9738, 0.3715,
0.4465

■ 40.9738, 0.3715,
0.4465

■ 40.4616, 0.3814,
0.4686

■ 41.5672, 0.3600,
0.4223

■ 40.0199, 0.3894,
0.4876

■ 42.2408, 0.3476,
0.3969

■ 39.6447, 0.3949,
0.5027


■ 43.0008, 0.3347,
0.3714


■ 39.3292, 0.3979,
0.5135


■ 43.8513, 0.3218,
0.3464

■ 39.0636, 0.3986,
0.5201

■ 44.7958, 0.3092,
0.3224

 38.9928, 0.3986,
0.5217

 45.8380, 0.2972,
0.2999

 46.9811, 0.2859,
0.2790

 48.2283, 0.2754,
0.2598

 49.5826, 0.2657,
0.2424

Harmonies

Analogous

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



40.9738, 0.4211, 0.4196



40.9738, 0.3715, 0.4465



40.9738, 0.3090, 0.4363

Triad

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



40.9738, 0.3715, 0.4465



40.9738, 0.1981, 0.2634



40.9738, 0.3720, 0.2797

Complementary

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



40.9738, 0.3715, 0.4465



14.1626, 0.2340, 0.1868

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.



40.9738, 0.3056, 0.2459



40.9738, 0.3715, 0.4465



40.9738, 0.2106, 0.2342

Square

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



40.9738, 0.3715, 0.4465



40.9738, 0.2115, 0.3175



40.9738, 0.2477, 0.2294



40.9738, 0.4244, 0.3249

Rectangle

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



40.9738, 0.3715, 0.4465



40.9738, 0.2686, 0.4056



40.9738, 0.2477, 0.2294



40.9738, 0.3502, 0.2669

Sweetspot

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



40.9757, 0.3715, 0.4465



78.4157, 0.3309, 0.3639



20.1341, 0.4320, 0.3437



17.3024, 0.3337, 0.3693



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



40.9757, 0.3715, 0.4465



73.3053, 0.3822, 0.4702



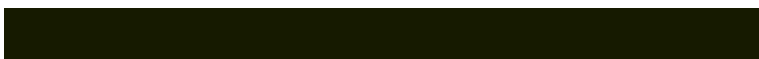
37.1004, 0.3321, 0.4636



9.8544, 0.3246, 0.3516



27.9174, 0.3989, 0.5215



0.8928, 0.4049, 0.5167

Inverse Universe

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



14.1626, 0.2340, 0.1868



18.5810, 0.2127, 0.1506



17.3130, 0.2794, 0.2028



8.2770, 0.3003, 0.3056



2.4304, 0.1550, 0.0628



0.0919, 0.1730, 0.0727

Previews

White Background



This preview shows how the Yxy color 40.9738, 0.3715, 0.4465 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 40.9738, 0.3715, 0.4465 looks on a black 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 ✓ Pass

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

Yxy 40.9738, 0.3715, 0.4465

Background



This preview shows how black text looks on a background with the Yxy color 40.9738, 0.3715, 0.4465.



This preview shows how white text looks on a background with the Yxy color 40.9738, 0.3715, 0.4465.

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

40.9738, 0.3715, 0.4465

Protanopia

40.7173, 0.3979, 0.4322

Deuteranopia

40.6315, 0.4183, 0.4086



Tritanopia

40.8064, 0.3108, 0.3116

Trichromacy



Original Color

40.9738, 0.3715, 0.4465

Protanomaly

40.8862, 0.3873, 0.4378

Deuteranomaly

40.3377, 0.4009, 0.4210

Tritanomaly

40.6736, 0.3342, 0.3612

Monochromacy



Original Color

40.9738, 0.3715, 0.4465

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.7205, 0.3357, 0.3739

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9738, 0.3715, 0.4465 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(168, 178, 94)` looks like.

```
.text, #text, p{  
    color:rgb(168, 178, 94)  
}
```

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(168, 178, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 178, 94) }
```

Border

The CSS property to change the border of an element to Yxy 40.9738, 0.3715, 0.4465 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(168, 178, 94) }
```

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

```
.border{ border-color:rgb(168, 178, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 178, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 178, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 178, 94);  
box-shadow:4px 4px 4px 4px rgb(168, 178,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9738, 0.3715, 0.4465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 178, 94) }
```

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

```
.background{ background-color: rgb(168,  
178, 94) }
```

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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