

Converting Colors

$Y_{xy}(29.3621, 0.3698, 0.4163)$

Have a look what the booklet for
Yxy(29.3621, 0.3698, 0.4163)
contains.

Yxy(29.4112, 0.3696, 0.4163)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.4112, 0.3696, 0.4163)

Conversions

Conversions Part 1

Format	Color
Hex	99965F
RGB	153, 150, 95
RGB Percent	60%, 59%, 37%
CMY	0.3999, 0.4118, 0.6275
CMYK	0.00, 0.02, 0.38, 0.40
HSL	57°, 23%, 49%
HSV	57°, 38%, 60%
XYZ	26.1119, 29.4112, 15.1260
YIQ	144.6270, 19.4430, -16.4690

Conversions

Conversions Part 2

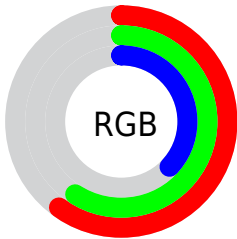
Format	Color
R_{YB}	98, 153, 95
Decimal	10065503
CIE _{Lab}	61.14, -7.47, 29.42
CIE _{LCh}	61, 30.357, 104.250
Yxy	29.4112, 0.3696, 0.4163
Android (android.graphics.Color)	4288255583 (0xFF99965F)
YUV	144.6270, -24.4661, 7.3431
Hunter-Lab	54.2321, -8.9613, 21.4258

Details

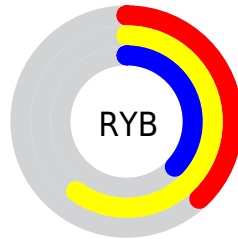
The Yxy color $29.4112, 0.3696, 0.4163$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.4731, 0.2462, 0.2235$, and the grayscale version is $28.2530, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.6710, 0.3587, 0.3986$, and $11.8956, 0.3877, 0.4459$ is the 20% darker color. If you saturate the color by 10%, you get $28.9072, 0.3840, 0.4377$, and if you desaturate by 10%, it is $29.9743, 0.3545, 0.3935$.

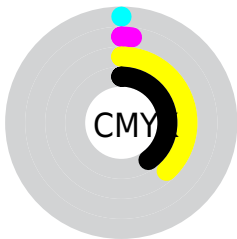
Distribution



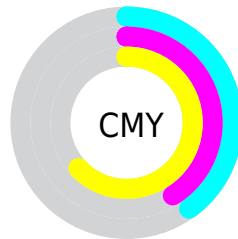
- Red (60%)
- Green (59%)
- Blue (37%)



- Red (38%)
- Yellow (60%)
- Blue (37%)



- Cyan (0%)
- Magenta (2%)
- Yellow (38%)
- Black (40%)





- Cyan (40%)
- Magenta (41%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4112, 0.3696, 0.4163 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 29.4112, 0.3696, 0.4163 by changing the saturation by 10% instead.


 29.4112, 0.3696,
0.4163


 29.4112, 0.3696,
0.4163


299.1502, 0.3400,
0.3691


 19.3921, 0.3771,
0.4291


 58.7298, 0.3587,
0.3983

 11.9539, 0.3865,
0.4460


 78.7980, 0.3546,
0.3918

 6.7123, 0.3984,
0.4690


 102.9848, 0.3512,
0.3864

 3.2828, 0.4173,
0.5068

 131.6745, 0.3483,
0.3819

 1.2811, 0.4381,
0.5619

165.2515, 0.3458,
0.3780

 0.1265, 0.0000,
1.0000

204.1002, 0.3436,

 0.0000, 0.0000,

0.3746

0.0000

248.6049, 0.3417,
0.3717

■ 29.4112, 0.3696,
0.4163

■ 29.4112, 0.3696,
0.4163

■ 28.9072, 0.3840,
0.4377

■ 29.9743, 0.3545,
0.3935

■ 28.4550, 0.3971,
0.4569

■ 30.5954, 0.3392,
0.3701

■ 28.0525, 0.4083,
0.4728

■ 31.2786, 0.3242,
0.3469

■ 27.6956, 0.4172,
0.4849

■ 32.0265, 0.3098,
0.3244

■ 27.3797, 0.4236,
0.4929

■ 32.8415, 0.2962,
0.3031

■ 27.0961, 0.4278,
0.4971

■ 33.7258, 0.2835,
0.2831

■ 27.0384, 0.4286,
0.4979

■ 34.6818, 0.2719,
0.2646

■ 35.7114, 0.2612,
0.2476

■ 36.8166, 0.2516,
0.2321

Harmonies

Analogous

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



29.4112, 0.4027, 0.3937



29.4112, 0.3696, 0.4163



29.4112, 0.3227, 0.4137

Triad

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



29.4112, 0.3696, 0.4163



29.4112, 0.2235, 0.2880



29.4112, 0.3469, 0.2835

Complementary

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



29.4112, 0.3696, 0.4163



13.4731, 0.2462, 0.2235

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.



29.4112, 0.2964, 0.2591



29.4112, 0.3696, 0.4163



29.4112, 0.2286, 0.2593

Square

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



29.4112, 0.3696, 0.4163



29.4112, 0.2397, 0.3330



29.4112, 0.2541, 0.2501



29.4112, 0.3902, 0.3183

Rectangle

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



29.4112, 0.3696, 0.4163



29.4112, 0.2903, 0.3951



29.4112, 0.2541, 0.2501



29.4112, 0.3300, 0.2739

Sweetspot

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



29.4125, 0.3696, 0.4163



55.5816, 0.3291, 0.3545



15.8567, 0.3964, 0.3227



12.2396, 0.3309, 0.3573



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



29.4125, 0.3696, 0.4163



51.8391, 0.3826, 0.4357



28.1961, 0.3405, 0.4296



7.1677, 0.3261, 0.3499



22.3545, 0.4285, 0.4980



0.3487, 0.4240, 0.5015

Inverse Universe

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



13.4731, 0.2462, 0.2235



18.8976, 0.2278, 0.1937



14.4877, 0.2747, 0.2260



6.0755, 0.2988, 0.3072



2.0596, 0.1513, 0.0645



0.0429, 0.1573, 0.0861

Previews

White Background



This preview shows how the Yxy color 29.4112, 0.3696, 0.4163 looks on a white 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

Black Background



This preview shows how the Yxy color 29.4112, 0.3696, 0.4163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

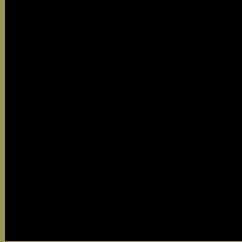
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4112, 0.3696, 0.4163

Background



This preview shows how black text looks on a background with the Yxy color 29.4112, 0.3696, 0.4163.



This preview shows how white text looks on a background with the Yxy color 29.4112, 0.3696, 0.4163.

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

29.4112, 0.3696, 0.4163

Protanopia

29.5650, 0.3807, 0.4122

Deuteranopia

29.2599, 0.4004, 0.3930



Tritanopia

29.4516, 0.3198, 0.3124

Trichromacy



Original Color

29.4112, 0.3696, 0.4163

Protanomaly

29.5721, 0.3767, 0.4146

Deuteranomaly

29.1159, 0.3892, 0.4013

Tritanomaly

29.4193, 0.3375, 0.3494

Monochromacy



Original Color

29.4112, 0.3696, 0.4163

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.6956, 0.3335, 0.3614

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4112, 0.3696, 0.4163 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(153, 150, 95)` looks like.

```
.text, #text, p{  
    color:rgb(153, 150, 95)  
}
```

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(153, 150, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 150, 95) }
```

Border

The CSS property to change the border of an element to Yxy 29.4112, 0.3696, 0.4163 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(153, 150, 95) }
```

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

```
.border{ border-color:rgb(153, 150, 95) }
```

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

Here you see how a box with a 4 pixel rgb(153, 150, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 150, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 150, 95);  
box-shadow:4px 4px 4px 4px rgb(153, 150,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4112, 0.3696, 0.4163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 150, 95) }
```

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

```
.background{ background-color: rgb(153,  
150, 95) }
```

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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