

Converting Colors

$Y_{xy}(29.2423, 0.3189, 0.4424)$

Have a look what the booklet for
Yxy(29.2423, 0.3189, 0.4424)
contains.

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Color

Yxy(29.3197, 0.3190, 0.4420)

Conversions

Conversions Part 1

Format	Color
Hex	6EA061
RGB	110, 160, 97
RGB Percent	43%, 63%, 38%
CMY	0.5686, 0.3725, 0.6196
CMYK	0.31, 0.00, 0.39, 0.37
HSL	108°, 25%, 50%
HSV	108°, 39%, 63%
XYZ	21.1606, 29.3197, 15.8539
YIQ	137.8680, -9.5770, -30.1930

Conversions

Conversions Part 2

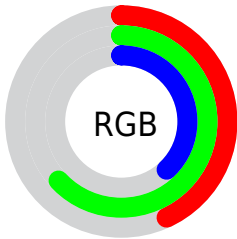
Format	Color
R_{YB}	97, 160, 147
Decimal	7250017
CIE _{Lab}	61.06, -29.13, 27.65
CIE _{LCh}	61, 40.161, 136.491
Yxy	29.3197, 0.3190, 0.4420
Android (android.graphics.Color)	4285440097 (0xFF6EA061)
YUV	137.8680, -20.1479, -24.4402
Hunter-Lab	54.1477, -25.0016, 20.5439

Details

The Yxy color $29.3197, 0.3190, 0.4420$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.2901, 0.3006, 0.2295$, and the grayscale version is $25.4457, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.5255, 0.3191, 0.4174$, and $11.8767, 0.3166, 0.4870$ is the 20% darker color. If you saturate the color by 10%, you get $28.2950, 0.3194, 0.4751$, and if you desaturate by 10%, it is $30.5238, 0.3180, 0.4099$.

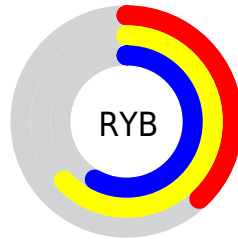
Distribution



Red (43%)

Green (63%)

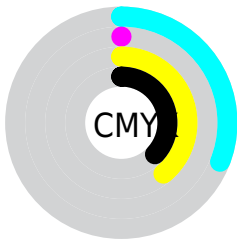
Blue (38%)



Red (38%)

Yellow (63%)

Blue (58%)

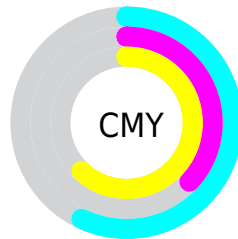


Cyan (31%)

Magenta (0%)

Yellow (39%)

Black (37%)



Cyan (57%)


Magenta (37%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.3197, 0.3190, 0.4420 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 29.3197, 0.3190, 0.4420 by changing the saturation by 10% instead.


 29.3197, 0.3190,
0.4420


 29.3197, 0.3190,
0.4420


298.7204, 0.3176,
0.3782

 19.3228, 0.3184,
0.4607


 58.5846, 0.3191,
0.4169

 11.9038, 0.3168,
0.4864


 78.6215, 0.3189,
0.4080

 6.6782, 0.3127,
0.5238


 102.7737, 0.3187,
0.4008

 3.2617, 0.3047,
0.5864

 131.4258, 0.3185,
0.3948

 1.2698, 0.2629,
0.7371

164.9622, 0.3182,
0.3897

 0.1177, 0.0000,
1.0000

203.7671, 0.3180,

 0.0000, 0.0000,

0.3853

0.0000

248.2251, 0.3178,
0.3815

■ 29.3197, 0.3190,
0.4420

■ 29.3197, 0.3190,
0.4420

■ 28.2950, 0.3194,
0.4751

■ 30.5238, 0.3180,
0.4099

■ 27.4373, 0.3188,
0.5075

■ 31.9115, 0.3164,
0.3798

■ 26.7386, 0.3173,
0.5373


■ 33.4916, 0.3146,
0.3522

■ 26.1886, 0.3148,
0.5623


■ 35.2710, 0.3126,
0.3275

■ 25.7757, 0.3115,
0.5808


■ 37.2566, 0.3105,
0.3056

 25.4814, 0.3080,
0.5931

 39.4546, 0.3084,
0.2864

 25.4659, 0.3078,
0.5938

 41.8712, 0.3064,
0.2695

 44.5122, 0.3044,
0.2547

 47.3834, 0.3026,
0.2419

Harmonies

Analogous

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



29.3197, 0.3811, 0.4453



29.3197, 0.3190, 0.4420



29.3197, 0.2584, 0.3957

Triad

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



29.3197, 0.3190, 0.4420



29.3197, 0.2062, 0.2364



29.3197, 0.4189, 0.3172

Complementary

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



29.3197, 0.3190, 0.4420



17.2901, 0.3006, 0.2295

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.



29.3197, 0.3622, 0.2730



29.3197, 0.3190, 0.4420



29.3197, 0.2397, 0.2279

Square

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



29.3197, 0.3190, 0.4420



29.3197, 0.1976, 0.2699



29.3197, 0.2952, 0.2414



29.3197, 0.4431, 0.3668

Rectangle

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



29.3197, 0.3190, 0.4420



29.3197, 0.2270, 0.3507



29.3197, 0.2952, 0.2414



29.3197, 0.4027, 0.3015

Sweetspot

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



29.3210, 0.3190, 0.4420



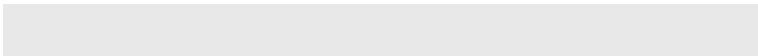
59.9544, 0.3152, 0.3598



29.0029, 0.3776, 0.4058



13.0723, 0.3154, 0.3631



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



29.3210, 0.3190, 0.4420



51.6291, 0.3193, 0.4702



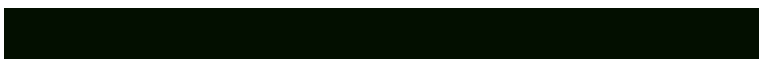
28.9177, 0.2934, 0.4121



7.4638, 0.3146, 0.3519



19.8535, 0.3083, 0.5934



0.3706, 0.3326, 0.5741

Inverse Universe

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



17.2901, 0.3006, 0.2295



26.7317, 0.2969, 0.2082



17.9813, 0.3404, 0.2586



6.6854, 0.3106, 0.3067



5.5078, 0.2702, 0.1262



0.1145, 0.2918, 0.1381

Previews

White Background



This preview shows how the Yxy color 29.3197, 0.3190, 0.4420 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 29.3197, 0.3190, 0.4420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

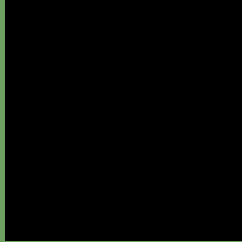
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3197, 0.3190, 0.4420

Background



This preview shows how black text looks on a background with the Yxy color 29.3197, 0.3190, 0.4420.



This preview shows how white text looks on a background with the Yxy color 29.3197, 0.3190, 0.4420.

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

29.3197, 0.3190, 0.4420

Protanopia

29.1137, 0.3821, 0.4141

Deuteranopia

28.8097, 0.3945, 0.3865



Tritanopia

29.2744, 0.2743, 0.3093

Trichromacy



Original Color

29.3197, 0.3190, 0.4420

Protanomaly

29.0154, 0.3572, 0.4247

Deuteranomaly

28.3668, 0.3640, 0.4049

Tritanomaly

29.1877, 0.2907, 0.3547

Monochromacy



Original Color

29.3197, 0.3190, 0.4420

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.5770, 0.3160, 0.3691

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3197, 0.3190, 0.4420 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(110, 160, 97)` looks like.

```
.text, #text, p{  
    color:rgb(110, 160, 97)  
}
```

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(110, 160, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 160, 97) }
```

Border

The CSS property to change the border of an element to Yxy 29.3197, 0.3190, 0.4420 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(110, 160, 97) }
```

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

```
.border{ border-color:rgb(110, 160, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 160, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 160, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 160, 97);  
box-shadow:4px 4px 4px 4px rgb(110, 160,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3197, 0.3190, 0.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 160, 97) }
```

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

```
.background{ background-color: rgb(110,  
160, 97) }
```

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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