

Converting Colors

$Yxy(30.3453, 0.3161, 0.4453)$

Have a look what the booklet for
Yxy(30.3453, 0.3161, 0.4453)
contains.

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Color

Yxy(30.2644, 0.3159, 0.4450)

Conversions

Conversions Part 1

Format	Color
Hex	6CA362
RGB	108, 163, 98
RGB Percent	42%, 64%, 38%
CMY	0.5765, 0.3608, 0.6157
CMYK	0.34, 0.00, 0.40, 0.36
HSL	111°, 26%, 51%
HSV	111°, 40%, 64%
XYZ	21.4843, 30.2644, 16.2612
YIQ	139.1450, -11.9150, -31.8750

Conversions

Conversions Part 2

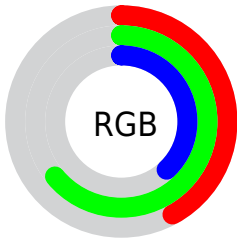
Format	Color
RYB	98, 163, 153
Decimal	7119714
CIELab	61.88, -31.12, 28.17
CIELCh	62, 41.974, 137.850
Yxy	30.2644, 0.3159, 0.4450
Android (android.graphics.Color)	4285309794 (0xFF6CA362)
YUV	139.1450, -20.2845, -27.3142
Hunter-Lab	55.0131, -26.5631, 20.9838

Details

The Yxy color **30.2644, 0.3159, 0.4450** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.1509, 0.3047, 0.2293**, and the grayscale version is **25.9596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8898, 0.3167, 0.4197**, and **12.4690, 0.3126, 0.4905** is the 20% darker color. If you saturate the color by 10%, you get **29.1911, 0.3156, 0.4787**, and if you desaturate by 10%, it is **31.5398, 0.3156, 0.4122**.

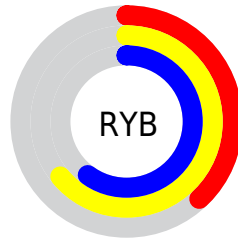
Distribution



Red (42%)

Green (64%)

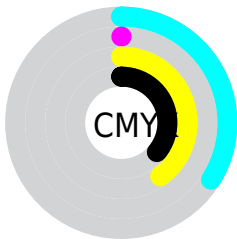
Blue (38%)



Red (38%)

Yellow (64%)

Blue (60%)

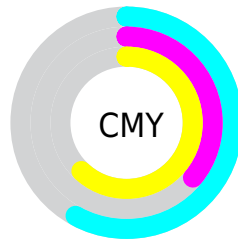


Cyan (34%)

Magenta (0%)

Yellow (40%)

Black (36%)



Cyan (58%)


Magenta (36%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.2644, 0.3159, 0.4450 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 30.2644, 0.3159, 0.4450 by changing the saturation by 10% instead.

 30.2644, 0.3159,
0.4450


 30.2644, 0.3159,
0.4450


303.1349, 0.3163,
0.3797

 20.0394, 0.3148,
0.4640


 60.0801, 0.3167,
0.4193

 12.4237, 0.3124,
0.4902


 80.4395, 0.3168,
0.4103

 7.0329, 0.3074,
0.5281


 104.9458, 0.3168,
0.4029

 3.4827, 0.2972,
0.5896

 133.9834, 0.3167,
0.3967

 1.3886, 0.2610,
0.7390

167.9368, 0.3166,
0.3914

 0.2083, 0.0000,
1.0000

207.1902, 0.3165,

 0.0000, 0.0000,

0.3870

0.0000

252.1281, 0.3164,
0.3831

■ 30.2644, 0.3159,
0.4450

■ 30.2644, 0.3159,
0.4450

■ 29.1911, 0.3156,
0.4787

■ 31.5398, 0.3156,
0.4122

■ 28.3058, 0.3147,
0.5117

■ 33.0231, 0.3149,
0.3816

■ 27.5986, 0.3129,
0.5418

■ 34.7242, 0.3139,
0.3537


■ 27.0571, 0.3105,
0.5666


■ 36.6517, 0.3127,
0.3287

■ 26.6673, 0.3076,
0.5846

■ 38.8134, 0.3114,
0.3067


 26.4067, 0.3049,
0.5960

 41.2170, 0.3101,
0.2874

 26.4043, 0.3048,
0.5962

 43.8695, 0.3087,
0.2706

 46.7779, 0.3074,
0.2560

 49.9489, 0.3062,
0.2433

Harmonies

Analogous

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



30.2644, 0.3803, 0.4499



30.2644, 0.3159, 0.4450



30.2644, 0.2540, 0.3952

Triad

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



30.2644, 0.3159, 0.4450



30.2644, 0.2040, 0.2325



30.2644, 0.4246, 0.3188

Complementary

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



30.2644, 0.3159, 0.4450



18.1509, 0.3047, 0.2293

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.



30.2644, 0.3669, 0.2731



30.2644, 0.3159, 0.4450



30.2644, 0.2395, 0.2251

Square

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



30.2644, 0.3159, 0.4450



30.2644, 0.1941, 0.2656



30.2644, 0.2975, 0.2399



30.2644, 0.4476, 0.3698

Rectangle

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



30.2644, 0.3159, 0.4450



30.2644, 0.2225, 0.3480



30.2644, 0.2975, 0.2399



30.2644, 0.4083, 0.3026

Sweetspot

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



30.2657, 0.3159, 0.4450



61.4355, 0.3142, 0.3599



31.1807, 0.3768, 0.4113



13.7123, 0.3143, 0.3633



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



30.2657, 0.3159, 0.4450



52.4505, 0.3157, 0.4754



30.1407, 0.2906, 0.4074



7.9449, 0.3138, 0.3521



20.5325, 0.3052, 0.5959



0.4455, 0.3238, 0.5811

Inverse Universe

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



18.1509, 0.3047, 0.2293



27.6398, 0.3020, 0.2077



18.4534, 0.3454, 0.2622



7.1468, 0.3114, 0.3067



6.2661, 0.2830, 0.1333



0.1456, 0.2977, 0.1414

Previews

White Background



This preview shows how the Yxy color 30.2644, 0.3159, 0.4450 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 30.2644, 0.3159, 0.4450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

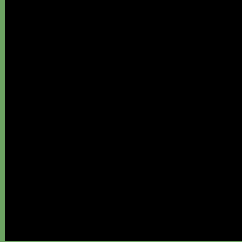
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2644, 0.3159, 0.4450

Background



This preview shows how black text looks on a background with the Yxy color 30.2644, 0.3159, 0.4450.



This preview shows how white text looks on a background with the Yxy color 30.2644, 0.3159, 0.4450.

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

30.2644, 0.3159, 0.4450

Protanopia

29.9490, 0.3832, 0.4161

Deuteranopia

29.7903, 0.3946, 0.3856



Tritanopia

30.2258, 0.2707, 0.3095

Trichromacy



Original Color

30.2644, 0.3159, 0.4450

Protanomaly

29.6701, 0.3563, 0.4274

Deuteranomaly

29.5246, 0.3638, 0.4070

Tritanomaly

30.1197, 0.2875, 0.3562

Monochromacy



Original Color

30.2644, 0.3159, 0.4450

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

27.2242, 0.3149, 0.3706

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2644, 0.3159, 0.4450 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(108, 163, 98)` looks like.

```
.text, #text, p{  
    color:rgb(108, 163, 98)  
}
```

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(108, 163, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 163, 98) }
```

Border

The CSS property to change the border of an element to Yxy 30.2644, 0.3159, 0.4450 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(108, 163, 98) }
```

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

```
.border{ border-color:rgb(108, 163, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 163, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 163, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 163, 98);  
box-shadow:4px 4px 4px 4px rgb(108, 163,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2644, 0.3159, 0.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 163, 98) }
```

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

```
.background{ background-color: rgb(108,  
163, 98) }
```

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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