

Converting Colors

$Yxy(28.2993, 0.3218, 0.4483)$

Have a look what the booklet for
Yxy(28.2993, 0.3218, 0.4483)
contains.

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Color

Yxy(28.4146, 0.3214, 0.4489)

Conversions

Conversions Part 1

Format	Color
Hex	6C9E5C
RGB	108, 158, 92
RGB Percent	42%, 62%, 36%
CMY	0.5764, 0.3804, 0.6392
CMYK	0.32, 0.00, 0.42, 0.38
HSL	105°, 26%, 49%
HSV	105°, 42%, 62%
XYZ	20.3441, 28.4146, 14.5396
YIQ	135.5260, -8.6140, -31.1260

Conversions

Conversions Part 2

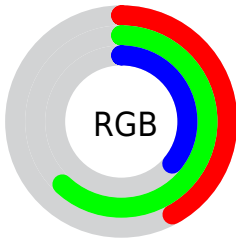
Format	Color
R_{YB}	92, 158, 142
Decimal	7118428
CIE _{Lab}	60.26, -29.62, 29.26
CIE _{LCh}	60, 41.636, 135.353
Yxy	28.4146, 0.3214, 0.4489
Android (android.graphics.Color)	4285308508 (0xFF6C9E5C)
YUV	135.5260, -21.4583, -24.1403
Hunter-Lab	53.3053, -25.1596, 21.1417

Details

The Yxy color $28.4146, 0.3214, 0.4489$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $15.8759, 0.2966, 0.2226$, and the grayscale version is $24.5197, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.1487, 0.3211, 0.4223$, and $11.3598, 0.3193, 0.4972$ is the 20% darker color. If you saturate the color by 10%, you get $27.4679, 0.3220, 0.4815$, and if you desaturate by 10%, it is $29.5244, 0.3200, 0.4168$.

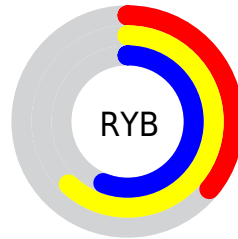
Distribution



Red (42%)

Green (62%)

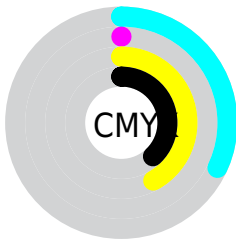
Blue (36%)



Red (36%)

Yellow (62%)

Blue (56%)

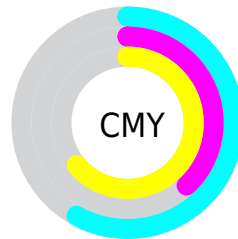


Cyan (32%)

Magenta (0%)

Yellow (42%)

Black (38%)



Cyan (58%)

Magenta (38%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4146, 0.3214, 0.4489 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 28.4146, 0.3214, 0.4489 by changing the saturation by 10% instead.


 28.4146, 0.3214,
0.4489


 28.4146, 0.3214,
0.4489


294.4428, 0.3189,
0.3809

 18.6384, 0.3209,
0.4689


 57.1457, 0.3212,
0.4220


 11.4093, 0.3193,
0.4966


 76.8694, 0.3209,
0.4126

 6.3428, 0.3149,
0.5367


 100.6777, 0.3205,
0.4049

 3.0547, 0.3093,
0.6113

 128.9551, 0.3202,
0.3985

 1.1603, 0.2351,
0.7649

162.0859, 0.3198,
0.3930

 0.0289, 0.0000,
1.0000

200.4545, 0.3195,

 0.0000, 0.0000,

0.3884

0.0000

244.4453, 0.3192,
0.3844

■ 28.4146, 0.3214,
0.4489

■ 28.4146, 0.3214,
0.4489

■ 27.4679, 0.3220,
0.4815

■ 29.5244, 0.3200,
0.4168

■ 26.6728, 0.3215,
0.5131

■ 30.8010, 0.3181,
0.3865

■ 26.0222, 0.3199,
0.5415


■ 32.2523, 0.3157,
0.3585


■ 25.5067, 0.3172,
0.5650

■ 33.8846, 0.3132,
0.3332

■ 25.1156, 0.3134,
0.5819


■ 35.7041, 0.3106,
0.3106

 24.8721, 0.3102,
0.5919

 37.7166, 0.3079,
0.2907

 39.9275, 0.3054,
0.2731

 42.3422, 0.3030,
0.2577

 44.9658, 0.3007,
0.2443

Harmonies

Analogous

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



28.4146, 0.3860, 0.4498



28.4146, 0.3214, 0.4489



28.4146, 0.2579, 0.4016

Triad

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



28.4146, 0.3214, 0.4489



28.4146, 0.2010, 0.2331



28.4146, 0.4223, 0.3144

Complementary

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



28.4146, 0.3214, 0.4489



15.8759, 0.2966, 0.2226

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.



28.4146, 0.3618, 0.2691



28.4146, 0.3214, 0.4489



28.4146, 0.2347, 0.2237

Square

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



28.4146, 0.3214, 0.4489



28.4146, 0.1931, 0.2687



28.4146, 0.2917, 0.2369



28.4146, 0.4490, 0.3658

Rectangle

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



28.4146, 0.3214, 0.4489



28.4146, 0.2247, 0.3543



28.4146, 0.2917, 0.2369



28.4146, 0.4049, 0.2983

Sweetspot

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



28.4158, 0.3214, 0.4489



58.1561, 0.3161, 0.3625



27.2408, 0.3831, 0.4071



12.9824, 0.3166, 0.3682



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.



28.4158, 0.3214, 0.4489



50.0061, 0.3220, 0.4790



27.8237, 0.2941, 0.4223



7.4748, 0.3151, 0.3519



19.9356, 0.3107, 0.5915



0.3741, 0.3376, 0.5701

Inverse Universe

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



15.8759, 0.2966, 0.2226



24.1242, 0.2916, 0.1995



16.8636, 0.3395, 0.2514



6.6735, 0.3101, 0.3067



5.1766, 0.2614, 0.1214



0.1106, 0.2868, 0.1353

Previews

White Background



This preview shows how the Yxy color 28.4146, 0.3214, 0.4489 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 28.4146, 0.3214, 0.4489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

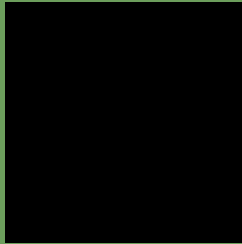
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4146, 0.3214, 0.4489

Background



This preview shows how black text looks on a background with the Yxy color 28.4146, 0.3214, 0.4489.



This preview shows how white text looks on a background with the Yxy color 28.4146, 0.3214, 0.4489.

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

28.4146, 0.3214, 0.4489

Protanopia

28.2080, 0.3858, 0.4195

Deuteranopia

27.9243, 0.3977, 0.3900



Tritanopia

28.4144, 0.2738, 0.3091

Trichromacy



Original Color

28.4146, 0.3214, 0.4489

Protanomaly

28.1094, 0.3604, 0.4307

Deuteranomaly

27.4666, 0.3676, 0.4107

Tritanomaly

28.3016, 0.2913, 0.3568

Monochromacy



Original Color

28.4146, 0.3214, 0.4489

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.7382, 0.3171, 0.3715

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4146, 0.3214, 0.4489 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, 158, 92)` looks like.

```
.text, #text, p{  
    color:rgb(108, 158, 92)  
}
```

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, 158, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 158, 92) }
```

Border

The CSS property to change the border of an element to Yxy 28.4146, 0.3214, 0.4489 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, 158, 92) }
```

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

```
.border{ border-color:rgb(108, 158, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 158, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 158, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 158, 92);  
box-shadow:4px 4px 4px 4px rgb(108, 158,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4146, 0.3214, 0.4489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 158, 92) }
```

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

```
.background{ background-color: rgb(108,  
158, 92) }
```

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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