

Converting Colors

$Y_{xy}(28.6640, 0.3464, 0.4547)$

Have a look what the booklet for
Yxy(28.6640, 0.3464, 0.4547)
contains.

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Color

Yxy(28.7614, 0.3464, 0.4547)

Conversions

Conversions Part 1

Format	Color
Hex	7D9C53
RGB	125, 156, 83
RGB Percent	49%, 61%, 33%
CMY	0.5097, 0.3883, 0.6745
CMYK	0.20, 0.00, 0.47, 0.39
HSL	85°, 31%, 47%
HSV	85°, 47%, 61%
XYZ	21.9110, 28.7614, 12.5811
YIQ	138.4090, 4.9570, -29.2750

Conversions

Conversions Part 2

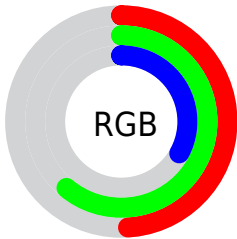
Format	Color
R_{YB}	83, 156, 114
Decimal	8232019
CIE _{Lab}	60.57, -23.46, 34.61
CIE _{LCh}	61, 41.810, 124.140
Yxy	28.7614, 0.3464, 0.4547
Android (android.graphics.Color)	4286422099 (0xFF7D9C53)
YUV	138.4090, -27.3166, -11.7597
Hunter-Lab	53.6297, -20.9236, 23.6317

Details

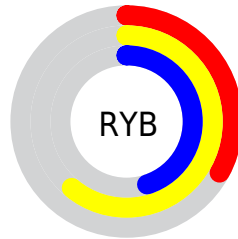
The Yxy color $28.7614, 0.3464, 0.4547$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $12.1629, 0.2622, 0.1989$, and the grayscale version is $25.6882, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.8935, 0.3412, 0.4277$, and $11.6803, 0.3514, 0.5019$ is the 20% darker color. If you saturate the color by 10%, you get $28.0664, 0.3511, 0.4821$, and if you desaturate by 10%, it is $29.5463, 0.3403, 0.4264$.

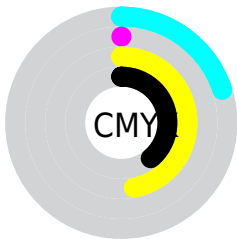
Distribution



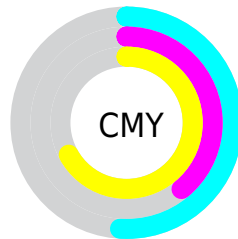
- Red (49%)
- Green (61%)
- Blue (33%)



- Red (33%)
- Yellow (61%)
- Blue (45%)



- Cyan (20%)
- Magenta (0%)
- Yellow (47%)
- Black (39%)




- Cyan (51%)
- Magenta (39%)
- Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 28.7614, 0.3464, 0.4547 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 28.7614, 0.3464, 0.4547 by changing the saturation by 10% instead.


 28.7614, 0.3464,
0.4547


 28.7614, 0.3464,
0.4547


 296.0875, 0.3307,
0.3845


 18.9004, 0.3493,
0.4746


 57.6978, 0.3413,
0.4274


 11.5983, 0.3519,
0.5015

 77.5419, 0.3392,
0.4176


 6.4708, 0.3528,
0.5390


 101.4826, 0.3373,
0.4096

 3.1334, 0.3651,
0.6229

 129.9042, 0.3357,
0.4030

 1.2018, 0.3098,
0.6902

 163.1911, 0.3342,
0.3973

 0.0632, 0.0000,
1.0000

201.7277, 0.3329,

 0.0000, 0.0000,

0.3924

0.0000

245.8984, 0.3318,
0.3882

■ 28.7614, 0.3464,
0.4547

■ 28.7614, 0.3464,
0.4547

■ 28.0664, 0.3511,
0.4821

■ 29.5463, 0.3403,
0.4264

■ 27.4533, 0.3540,
0.5072

■ 30.4213, 0.3333,
0.3982

■ 26.9185, 0.3547,
0.5288


■ 31.3913, 0.3257,
0.3710


■ 26.4564, 0.3532,
0.5458

■ 32.4599, 0.3180,
0.3454


■ 26.0591, 0.3496,
0.5581

■ 33.6302, 0.3103,
0.3216

 25.9403, 0.3483,
0.5616

 34.9052, 0.3028,
0.2998

 36.2881, 0.2956,
0.2801

 37.7815, 0.2888,
0.2623

 39.3882, 0.2825,
0.2464

Harmonies

Analogous

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



28.7614, 0.4067, 0.4399



28.7614, 0.3464, 0.4547



28.7614, 0.2803, 0.4241

Triad

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



28.7614, 0.3464, 0.4547



28.7614, 0.1949, 0.2432



28.7614, 0.4025, 0.2964

Complementary

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



28.7614, 0.3464, 0.4547



12.1629, 0.2622, 0.1989

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.



28.7614, 0.3353, 0.2552



28.7614, 0.3464, 0.4547



28.7614, 0.2191, 0.2243

Square

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



28.7614, 0.3464, 0.4547



28.7614, 0.1970, 0.2890



28.7614, 0.2681, 0.2295



28.7614, 0.4440, 0.3464

Rectangle

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



28.7614, 0.3464, 0.4547



28.7614, 0.2421, 0.3815



28.7614, 0.2681, 0.2295



28.7614, 0.3817, 0.2813

Sweetspot

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



28.7627, 0.3464, 0.4547



57.4897, 0.3238, 0.3644



19.5960, 0.4108, 0.3793



12.5671, 0.3254, 0.3697



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.7627, 0.3464, 0.4547



50.9420, 0.3512, 0.4829



26.5284, 0.3112, 0.4697



7.5801, 0.3199, 0.3515



21.3889, 0.3488, 0.5613



0.4070, 0.3775, 0.5385

Inverse Universe

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



12.1629, 0.2622, 0.1989



17.0536, 0.2475, 0.1685



15.0634, 0.3097, 0.2154



6.5659, 0.3050, 0.3063



2.9558, 0.1905, 0.0823



0.0772, 0.2369, 0.1079

Previews

White Background



This preview shows how the Yxy color 28.7614, 0.3464, 0.4547 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 28.7614, 0.3464, 0.4547 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 28.7614, 0.3464, 0.4547

Background



This preview shows how black text looks on a background with the Yxy color 28.7614, 0.3464, 0.4547.



This preview shows how white text looks on a background with the Yxy color 28.7614, 0.3464, 0.4547.

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

28.7614, 0.3464, 0.4547

Protanopia

28.5959, 0.3949, 0.4312

Deuteranopia

28.5005, 0.4121, 0.4039



Tritanopia

28.5215, 0.2897, 0.3097

Trichromacy



Original Color

28.7614, 0.3464, 0.4547

Protanomaly

28.5949, 0.3763, 0.4412

Deuteranomaly

28.1918, 0.3868, 0.4209

Tritanomaly

28.2767, 0.3112, 0.3612

Monochromacy



Original Color

28.7614, 0.3464, 0.4547

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.5453, 0.3265, 0.3757

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7614, 0.3464, 0.4547 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(125, 156, 83)` looks like.

```
.text, #text, p{  
    color:rgb(125, 156, 83)  
}
```

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(125, 156, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 156, 83) }
```

Border

The CSS property to change the border of an element to Yxy 28.7614, 0.3464, 0.4547 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(125, 156, 83) }
```

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

```
.border{ border-color:rgb(125, 156, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 156, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 156, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 156, 83);  
box-shadow:4px 4px 4px 4px rgb(125, 156,  
83) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 28.7614, 0.3464, 0.4547$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 156, 83) }
```

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

```
.background{ background-color: rgb(125,  
156, 83) }
```

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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