

Converting Colors

$Yxy(28.3416, 0.3299, 0.5026)$

Have a look what the booklet for
Yxy(28.3416, 0.3299, 0.5026)
contains.

Yxy(28.4128, 0.3295, 0.5025)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.4128, 0.3295, 0.5025)

Conversions

Conversions Part 1

Format	Color
Hex	61A141
RGB	97, 161, 65
RGB Percent	38%, 63%, 25%
CMY	0.6195, 0.3686, 0.7452
CMYK	0.40, 0.00, 0.60, 0.37
HSL	100°, 42%, 44%
HSV	100°, 60%, 63%
XYZ	18.6309, 28.4128, 9.4992
YIQ	130.9200, -7.3280, -43.4240

Conversions

Conversions Part 2

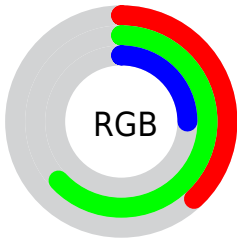
Format	Color
R_{YB}	65, 161, 129
Decimal	6398273
CIE _{Lab}	60.26, -38.26, 42.78
CIE _{LCh}	60, 57.391, 131.807
Yxy	28.4128, 0.3295, 0.5025
Android (android.graphics.Color)	4284588353 (0xFF61A141)
YUV	130.9200, -32.4986, -29.7478
Hunter-Lab	53.3037, -30.8915, 26.7465

Details

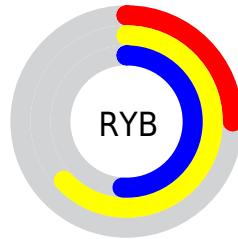
The Yxy color **28.4128, 0.3295, 0.5025** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **11.0134, 0.2743, 0.1740**, and the grayscale version is **22.7895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9520, 0.3296, 0.4638**, and **11.4750, 0.3232, 0.5684** is the 20% darker color. If you saturate the color by 10%, you get **27.7032, 0.3288, 0.5307**, and if you desaturate by 10%, it is **29.2576, 0.3287, 0.4718**.

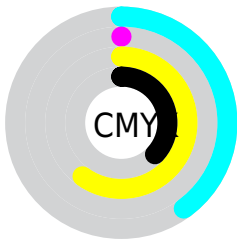
Distribution



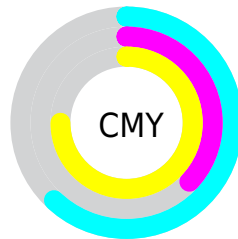
- Red (38%)
- Green (63%)
- Blue (25%)



- Red (25%)
- Yellow (63%)
- Blue (51%)



- Cyan (40%)
- Magenta (0%)
- Yellow (60%)
- Black (37%)




- Cyan (62%)
- Magenta (37%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4128, 0.3295, 0.5025 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 28.4128, 0.3295, 0.5025 by changing the saturation by 10% instead.


 28.4128, 0.3295,
0.5025


 28.4128, 0.3295,
0.5025


294.4342, 0.3255,
0.4038

 18.6371, 0.3277,
0.5308


 57.1428, 0.3298,
0.4638

 11.4083, 0.3230,
0.5688


 76.8659, 0.3293,
0.4501


 6.3422, 0.3125,
0.6230


 100.6736, 0.3287,
0.4388

 3.0542, 0.2905,
0.7095

 128.9502, 0.3280,
0.4294

 1.1601, 0.1115,
0.8885

 162.0802, 0.3273,
0.4215

 0.0288, 0.0000,
1.0000

200.4479, 0.3267,

 0.0000, 0.0000,

0.4147

0.0000

244.4378, 0.3261,
0.4089

■ 28.4128, 0.3295,
0.5025

■ 28.4128, 0.3295,
0.5025

■ 27.7032, 0.3288,
0.5307

■ 29.2576, 0.3287,
0.4718

■ 27.1175, 0.3265,
0.5546

■ 30.2412, 0.3268,
0.4402

■ 26.6479, 0.3227,
0.5727

■ 31.3713, 0.3239,
0.4093

■ 26.2787, 0.3180,
0.5854

■ 32.6540, 0.3204,
0.3800

■ 26.2668, 0.3179,
0.5858

■ 34.0950, 0.3166,
0.3528

■ 35.6998, 0.3126,
0.3282

■ 37.4735, 0.3086,
0.3060

■ 39.4210, 0.3047,
0.2863

■ 41.5471, 0.3009,
0.2689

Harmonies

Analogous

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



28.4128, 0.4143, 0.4862



28.4128, 0.3295, 0.5025



28.4128, 0.2448, 0.4438

Triad

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



28.4128, 0.3295, 0.5025



28.4128, 0.1644, 0.2047



28.4128, 0.4557, 0.2987

Complementary

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



28.4128, 0.3295, 0.5025



11.0134, 0.2743, 0.1740

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.



28.4128, 0.3670, 0.2437



28.4128, 0.3295, 0.5025



28.4128, 0.2022, 0.1915

Square

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



28.4128, 0.3295, 0.5025



28.4128, 0.1576, 0.2520



28.4128, 0.2723, 0.2059



28.4128, 0.4971, 0.3623

Rectangle

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



28.4128, 0.3295, 0.5025



28.4128, 0.2003, 0.3747



28.4128, 0.2723, 0.2059



28.4128, 0.4296, 0.2790

Sweetspot

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



28.4140, 0.3295, 0.5025



58.8017, 0.3199, 0.3763



23.2382, 0.4251, 0.4242



12.7492, 0.3209, 0.3841



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.



28.4140, 0.3295, 0.5025



49.2004, 0.3281, 0.5402



27.1824, 0.2952, 0.4908



8.0046, 0.3164, 0.3519



20.9992, 0.3184, 0.5854



0.4662, 0.3478, 0.5621

Inverse Universe

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



11.0134, 0.2743, 0.1740



15.0442, 0.2622, 0.1443



13.4487, 0.3401, 0.2096



7.0832, 0.3087, 0.3065



4.5868, 0.2397, 0.1094



0.1206, 0.2705, 0.1264

Previews

White Background



This preview shows how the Yxy color 28.4128, 0.3295, 0.5025 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 28.4128, 0.3295, 0.5025 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 28.4128, 0.3295, 0.5025

Background



This preview shows how black text looks on a background with the Yxy color 28.4128, 0.3295, 0.5025.



This preview shows how white text looks on a background with the Yxy color 28.4128, 0.3295, 0.5025.

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

28.4128, 0.3295, 0.5025

Protanopia

28.1541, 0.4125, 0.4530

Deuteranopia

28.1098, 0.4286, 0.4210



Tritanopia

28.2883, 0.2673, 0.3088

Trichromacy



Original Color

28.4128, 0.3295, 0.5025

Protanomaly

27.8843, 0.3796, 0.4721

Deuteranomaly

27.3770, 0.3907, 0.4504

Tritanomaly

28.1008, 0.2918, 0.3793

Monochromacy



Original Color

28.4128, 0.3295, 0.5025

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

24.3295, 0.3225, 0.3936

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4128, 0.3295, 0.5025 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(97, 161, 65)` looks like.

```
.text, #text, p{  
    color:rgb(97, 161, 65)  
}
```

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(97, 161, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 161, 65) }
```

Border

The CSS property to change the border of an element to Yxy 28.4128, 0.3295, 0.5025 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(97, 161, 65) }
```

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

```
.border{ border-color:rgb(97, 161, 65) }
```

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

Here you see how a box with a 4 pixel rgb(97, 161, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 161, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 161, 65);  
box-shadow:4px 4px 4px 4px rgb(97, 161,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4128, 0.3295, 0.5025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 161, 65) }
```

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

```
.background{ background-color: rgb(97, 161,  
65) }
```

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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