

Converting Colors

$Y_{xy}(28.4966, 0.3068, 0.4522)$

Have a look what the booklet for
Yxy(28.4966, 0.3068, 0.4522)
contains.

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Color

Yxy(28.3294, 0.3069, 0.4527)

Conversions

Conversions Part 1

Format	Color
Hex	5EA05E
RGB	94, 160, 94
RGB Percent	37%, 63%, 37%
CMY	0.6315, 0.3725, 0.6314
CMYK	0.41, 0.00, 0.41, 0.37
HSL	120°, 26%, 50%
HSV	120°, 41%, 63%
XYZ	19.2054, 28.3294, 15.0439
YIQ	132.7420, -18.1500, -34.5180

Conversions

Conversions Part 2

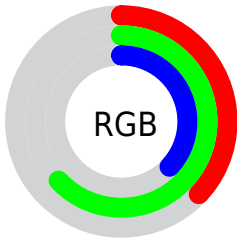
Format	Color
R_{YB}	94, 160, 160
Decimal	6201438
CIE _{Lab}	60.19, -34.98, 27.96
CIE _{LCh}	60, 44.782, 141.366
Y _{xy}	28.3294, 0.3069, 0.4527
Android (android.graphics.Color)	4284391518 (0xFF5EA05E)
YUV	132.7420, -19.0998, -33.9767
Hunter-Lab	53.2254, -28.7359, 20.4997

Details

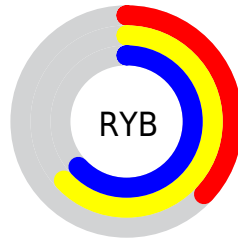
The Yxy color **28.3294, 0.3069, 0.4527** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.0139, 0.3174, 0.2301**, and the grayscale version is **23.4311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8483, 0.3096, 0.4247**, and **11.3938, 0.2997, 0.5043** is the 20% darker color. If you saturate the color by 10%, you get **27.3128, 0.3052, 0.4879**, and if you desaturate by 10%, it is **29.5833, 0.3085, 0.4184**.

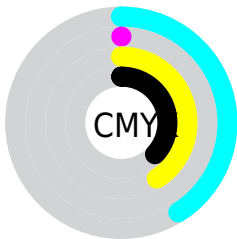
Distribution



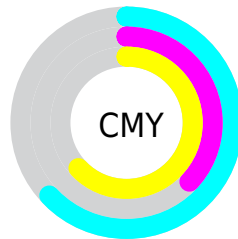
- Red (37%)
- Green (63%)
- Blue (37%)



- Red (37%)
- Yellow (63%)
- Blue (63%)



- Cyan (41%)
- Magenta (0%)
- Yellow (41%)
- Black (37%)





- Cyan (63%)
- Magenta (37%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3294, 0.3069, 0.4527 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 28.3294, 0.3069, 0.4527 by changing the saturation by 10% instead.


 28.3294, 0.3069,
0.4527


 28.3294, 0.3069,
0.4527


294.0376, 0.3124,
0.3820

 18.5741, 0.3042,
0.4738


 57.0099, 0.3098,
0.4246


 11.3630, 0.2995,
0.5032


 76.7039, 0.3106,
0.4148

 6.3115, 0.2909,
0.5465


 100.4797, 0.3111,
0.4068

 3.0354, 0.2771,
0.6245

 128.7215, 0.3115,
0.4001

 1.1503, 0.1592,
0.8408

161.8138, 0.3118,
0.3945

 0.0205, 0.0000,
1.0000

200.1410, 0.3121,

 0.0000, 0.0000,

0.3897

0.0000

244.0874, 0.3123,
0.3856

■ 28.3294, 0.3069,
0.4527

■ 28.3294, 0.3069,
0.4527

■ 27.3128, 0.3052,
0.4879

■ 29.5833, 0.3085,
0.4184

■ 26.5152, 0.3037,
0.5219

■ 31.0842, 0.3100,
0.3864

■ 25.9215, 0.3022,
0.5521


■ 32.8457, 0.3114,
0.3575

■ 25.5134, 0.3011,
0.5759


■ 34.8793, 0.3126,
0.3320

■ 25.2688, 0.3004,
0.5915


■ 37.1959, 0.3136,
0.3097

 25.1440, 0.3000,
0.6000

 39.8057, 0.3145,
0.2905

 42.7185, 0.3153,
0.2740

 45.9435, 0.3160,
0.2598

 49.4898, 0.3165,
0.2477

Harmonies

Analogous

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



28.3294, 0.3773, 0.4626



28.3294, 0.3069, 0.4527



28.3294, 0.2418, 0.3928

Triad

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



28.3294, 0.3069, 0.4527



28.3294, 0.1987, 0.2224



28.3294, 0.4400, 0.3234

Complementary

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



28.3294, 0.3069, 0.4527



18.0139, 0.3174, 0.2301

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.



28.3294, 0.3802, 0.2737



28.3294, 0.3069, 0.4527



28.3294, 0.2395, 0.2179

Square

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



28.3294, 0.3069, 0.4527



28.3294, 0.1848, 0.2539



28.3294, 0.3044, 0.2364



28.3294, 0.4593, 0.3781

Rectangle

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



28.3294, 0.3069, 0.4527



28.3294, 0.2101, 0.3400



28.3294, 0.3044, 0.2364



28.3294, 0.4237, 0.3059

Sweetspot

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



28.3306, 0.3069, 0.4527



59.3026, 0.3112, 0.3602



33.4260, 0.3729, 0.4284



12.9178, 0.3111, 0.3635



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.



28.3306, 0.3069, 0.4527



49.6373, 0.3053, 0.4869



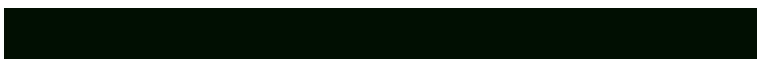
29.0547, 0.2815, 0.3892



7.4011, 0.3116, 0.3521



19.5850, 0.3000, 0.6000



0.3502, 0.3000, 0.5999

Inverse Universe

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



18.0139, 0.3174, 0.2301



28.1888, 0.3184, 0.2094



17.0082, 0.3630, 0.2765



6.7546, 0.3138, 0.3070



7.7979, 0.3210, 0.1542



0.1394, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 28.3294, 0.3069, 0.4527 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 28.3294, 0.3069, 0.4527 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 28.3294, 0.3069, 0.4527

Background



This preview shows how black text looks on a background with the Yxy color 28.3294, 0.3069, 0.4527.



This preview shows how white text looks on a background with the Yxy color 28.3294, 0.3069, 0.4527.

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

28.3294, 0.3069, 0.4527

Protanopia

27.9202, 0.3855, 0.4166

Deuteranopia

27.8485, 0.3944, 0.3874



Tritanopia

28.3250, 0.2628, 0.3087

Trichromacy



Original Color

28.3294, 0.3069, 0.4527

Protanomaly

27.7018, 0.3539, 0.4310

Deuteranomaly

27.3501, 0.3594, 0.4106

Tritanomaly

28.1903, 0.2786, 0.3574

Monochromacy



Original Color

28.3294, 0.3069, 0.4527

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.8988, 0.3107, 0.3726

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3294, 0.3069, 0.4527 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(94, 160, 94)` looks like.

```
.text, #text, p{  
    color:rgb(94, 160, 94)  
}
```

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(94, 160, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 160, 94) }
```

Border

The CSS property to change the border of an element to Yxy 28.3294, 0.3069, 0.4527 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(94, 160, 94) }
```

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

```
.border{ border-color:rgb(94, 160, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 160, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 160, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 160, 94);  
box-shadow:4px 4px 4px 4px rgb(94, 160,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3294, 0.3069, 0.4527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 160, 94) }
```

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

```
.background{ background-color: rgb(94, 160,  
94) }
```

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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