

Converting Colors

$Y_{xy}(28.3253, 0.3071, 0.4495)$

Have a look what the booklet for
Yxy(28.3253, 0.3071, 0.4495)
contains.

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Color

Yxy(28.4007, 0.3070, 0.4505)

Conversions

Conversions Part 1

Format	Color
Hex	5FA05F
RGB	95, 160, 95
RGB Percent	37%, 63%, 37%
CMY	0.6275, 0.3725, 0.6275
CMYK	0.41, 0.00, 0.41, 0.37
HSL	120°, 26%, 50%
HSV	120°, 41%, 63%
XYZ	19.3541, 28.4007, 15.2878
YIQ	133.1550, -17.8750, -33.9950

Conversions

Conversions Part 2

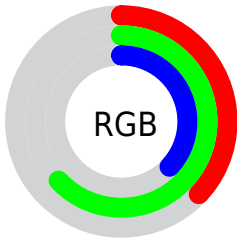
Format	Color
R_{YB}	95, 160, 160
Decimal	6266975
CIE _{Lab}	60.25, -34.50, 27.51
CIE _{LCh}	60, 44.129, 141.429
Yxy	28.4007, 0.3070, 0.4505
Android (android.graphics.Color)	4284457055 (0xFF5FA05F)
YUV	133.1550, -18.8104, -33.4619
Hunter-Lab	53.2923, -28.4360, 20.2962

Details

The Yxy color **28.4007, 0.3070, 0.4505** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.1929, 0.3173, 0.2315**, and the grayscale version is **23.5885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9721, 0.3097, 0.4231**, and **11.4226, 0.2998, 0.5013** is the 20% darker color. If you saturate the color by 10%, you get **27.3698, 0.3053, 0.4857**, and if you desaturate by 10%, it is **29.6697, 0.3086, 0.4163**.

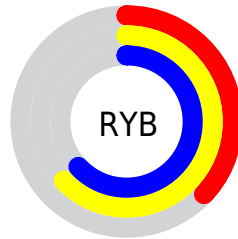
Distribution



Red (37%)

Green (63%)

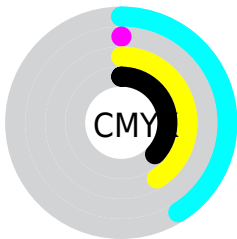
Blue (37%)



Red (37%)

Yellow (63%)

Blue (63%)

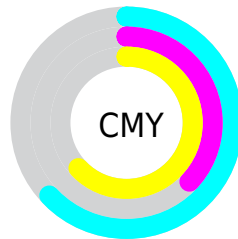


Cyan (41%)

Magenta (0%)

Yellow (41%)

Black (37%)



Cyan (63%)

Magenta (37%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4007, 0.3070, 0.4505 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 28.4007, 0.3070, 0.4505 by changing the saturation by 10% instead.


 28.4007, 0.3070,
0.4505


 28.4007, 0.3070,
0.4505


294.3767, 0.3124,
0.3811

 18.6279, 0.3044,
0.4712


 57.1235, 0.3098,
0.4229


 11.4017, 0.2999,
0.5000


 76.8424, 0.3106,
0.4133

 6.3377, 0.2916,
0.5425


 100.6454, 0.3111,
0.4054

 3.0515, 0.2777,
0.6176

 128.9170, 0.3115,
0.3989

 1.1587, 0.1693,
0.8307

162.0415, 0.3118,
0.3934

 0.0276, 0.0000,
1.0000

200.4034, 0.3120,

 0.0000, 0.0000,

0.3887

0.0000

244.3870, 0.3122,
0.3846

■ 28.4007, 0.3070,
0.4505

■ 28.4007, 0.3070,
0.4505

■ 27.3698, 0.3053,
0.4857

■ 29.6697, 0.3086,
0.4163

■ 26.5589, 0.3037,
0.5199

■ 31.1866, 0.3101,
0.3845

■ 25.9530, 0.3023,
0.5503


■ 32.9647, 0.3115,
0.3558

■ 25.5338, 0.3012,
0.5746


■ 35.0157, 0.3126,
0.3305


■ 25.2797, 0.3004,
0.5908

■ 37.3503, 0.3137,
0.3085

 25.1439, 0.3000,
0.6000

 39.9787, 0.3146,
0.2894

 42.9107, 0.3154,
0.2730

 46.1555, 0.3160,
0.2590

 49.7221, 0.3166,
0.2470

Harmonies

Analogous

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



28.4007, 0.3764, 0.4606



28.4007, 0.3070, 0.4505



28.4007, 0.2428, 0.3916

Triad

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



28.4007, 0.3070, 0.4505



28.4007, 0.2002, 0.2238



28.4007, 0.4381, 0.3238

Complementary

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



28.4007, 0.3070, 0.4505



18.1929, 0.3173, 0.2315

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.



28.4007, 0.3793, 0.2746



28.4007, 0.3070, 0.4505



28.4007, 0.2407, 0.2193

Square

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



28.4007, 0.3070, 0.4505



28.4007, 0.1864, 0.2550



28.4007, 0.3047, 0.2377



28.4007, 0.4571, 0.3778

Rectangle

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



28.4007, 0.3070, 0.4505



28.4007, 0.2115, 0.3398



28.4007, 0.3047, 0.2377



28.4007, 0.4221, 0.3065

Sweetspot

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



28.4019, 0.3070, 0.4505



59.3027, 0.3112, 0.3602



33.4439, 0.3720, 0.4270



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.



28.4019, 0.3070, 0.4505



49.8082, 0.3055, 0.4833



29.1209, 0.2819, 0.3881



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.



18.1929, 0.3173, 0.2315



28.6175, 0.3183, 0.2115



17.2005, 0.3619, 0.2773



6.7546, 0.3138, 0.3070



7.7977, 0.3210, 0.1542



0.1394, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 28.4007, 0.3070, 0.4505 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 28.4007, 0.3070, 0.4505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

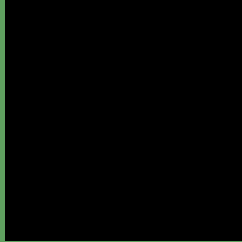
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4007, 0.3070, 0.4505

Background



This preview shows how black text looks on a background with the Yxy color 28.4007, 0.3070, 0.4505.



This preview shows how white text looks on a background with the Yxy color 28.4007, 0.3070, 0.4505.

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

28.4007, 0.3070, 0.4505

Protanopia

28.2412, 0.3839, 0.4165

Deuteranopia

27.8677, 0.3933, 0.3859



Tritanopia

28.3880, 0.2636, 0.3087

Trichromacy



Original Color

28.4007, 0.3070, 0.4505

Protanomaly

27.7189, 0.3530, 0.4294

Deuteranomaly

27.3689, 0.3584, 0.4089

Tritanomaly

28.2498, 0.2794, 0.3573

Monochromacy



Original Color

28.4007, 0.3070, 0.4505

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 28.4007, 0.3070, 0.4505 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(95, 160, 95)` looks like.

```
.text, #text, p{  
    color:rgb(95, 160, 95)  
}
```

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(95, 160, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 160, 95) }
```

Border

The CSS property to change the border of an element to Yxy 28.4007, 0.3070, 0.4505 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(95, 160, 95) }
```

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

```
.border{ border-color:rgb(95, 160, 95) }
```

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

Here you see how a box with a 4 pixel rgb(95, 160, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 160, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 160, 95);  
box-shadow:4px 4px 4px 4px rgb(95, 160,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4007, 0.3070, 0.4505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 160, 95) }
```

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

```
.background{ background-color: rgb(95, 160,  
95) }
```

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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