

Converting Colors

$Yxy(27.2314, 0.3070, 0.4508)$

Have a look what the booklet for
Yxy(27.2314, 0.3070, 0.4508)
contains.

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Color

$\text{Yxy}(27.2314, 0.3070, 0.4508)$

Conversions

Conversions Part 1

Format	Color
Hex	5D9D5D
RGB	93, 157, 93
RGB Percent	36%, 62%, 36%
CMY	0.6354, 0.3843, 0.6354
CMYK	0.41, 0.00, 0.41, 0.38
HSL	120°, 26%, 49%
HSV	120°, 41%, 62%
XYZ	18.5449, 27.2314, 14.6305
YIQ	130.5680, -17.6000, -33.4720

Conversions

Conversions Part 2

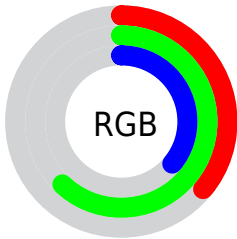
Format	Color
RYB	93, 157, 157
Decimal	6135133
CIELab	59.19, -34.09, 27.20
CIELCh	59, 43.605, 141.415
Yxy	27.2314, 0.3070, 0.4508
Android (android.graphics.Color)	4284325213 (0xFF5D9D5D)
YUV	130.5680, -18.5210, -32.9471
Hunter-Lab	52.1837, -27.8867, 19.9057

Details

The Yxy color **27.2314, 0.3070, 0.4508** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.4288, 0.3173, 0.2313**, and the grayscale version is **22.6054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.2116, 0.3097, 0.4229**, and **10.7718, 0.2997, 0.4997** is the 20% darker color. If you saturate the color by 10%, you get **26.2457, 0.3053, 0.4860**, and if you desaturate by 10%, it is **28.4448, 0.3086, 0.4166**.

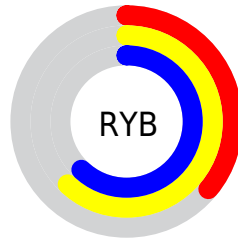
Distribution



Red (36%)

Green (62%)

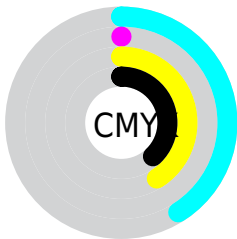
Blue (36%)



Red (36%)

Yellow (62%)

Blue (62%)

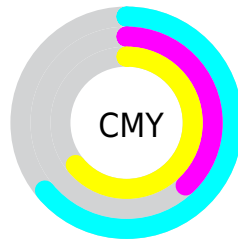


Cyan (41%)

Magenta (0%)

Yellow (41%)

Black (38%)



Cyan (64%)


Magenta (38%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2314, 0.3070, 0.4508 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 27.2314, 0.3070, 0.4508 by changing the saturation by 10% instead.


 27.2314, 0.3070,
0.4508


 27.2314, 0.3070,
0.4508


288.7758, 0.3124,
0.3808


 17.7471, 0.3043,
0.4719


 55.2550, 0.3098,
0.4228


 10.7686, 0.2997,
0.5014


 74.5630, 0.3106,
0.4131

 5.9114, 0.2910,
0.5453

 97.9144, 0.3111,
0.4052

 2.7913, 0.2785,
0.6288

 125.6936, 0.3115,
0.3987

 1.0238, 0.1163,
0.8837

158.2849, 0.3118,
0.3931

 0.0000, 0.0000,
0.0000

196.0728, 0.3121,

0.3884

239.4416, 0.3123,
0.3843

■ 27.2314, 0.3070,
0.4508

■ 27.2314, 0.3070,
0.4508

■ 26.2457, 0.3053,
0.4860

■ 28.4448, 0.3086,
0.4166

■ 25.4702, 0.3037,
0.5200

■ 29.8950, 0.3101,
0.3848

■ 24.8907, 0.3023,
0.5505


■ 31.5950, 0.3114,
0.3562

■ 24.4897, 0.3012,
0.5747


■ 33.5558, 0.3126,
0.3308


■ 24.2466, 0.3004,
0.5908


■ 35.7876, 0.3137,
0.3088

 24.1163, 0.3000,
0.6000

 38.3004, 0.3146,
0.2897

 41.1032, 0.3153,
0.2733

 44.2051, 0.3160,
0.2593

 47.6145, 0.3166,
0.2472

Harmonies

Analogous

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



27.2314, 0.3766, 0.4608



27.2314, 0.3070, 0.4508



27.2314, 0.2427, 0.3918

Triad

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



27.2314, 0.3070, 0.4508



27.2314, 0.2000, 0.2237



27.2314, 0.4384, 0.3237

Complementary

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



27.2314, 0.3070, 0.4508



17.4288, 0.3173, 0.2313

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.



27.2314, 0.3794, 0.2744



27.2314, 0.3070, 0.4508



27.2314, 0.2405, 0.2192

Square

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



27.2314, 0.3070, 0.4508



27.2314, 0.1862, 0.2548



27.2314, 0.3047, 0.2375



27.2314, 0.4574, 0.3779

Rectangle

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



27.2314, 0.3070, 0.4508



27.2314, 0.2113, 0.3398



27.2314, 0.3047, 0.2375



27.2314, 0.4223, 0.3064

Sweetspot

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



27.2325, 0.3070, 0.4508



56.1073, 0.3113, 0.3601



32.0751, 0.3721, 0.4272



12.2638, 0.3111, 0.3634



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.



27.2325, 0.3070, 0.4508



47.1315, 0.3055, 0.4830



27.9230, 0.2819, 0.3883



7.4011, 0.3116, 0.3521



19.5849, 0.3000, 0.6000



0.3502, 0.3000, 0.6000

Inverse Universe

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



17.4288, 0.3173, 0.2313



27.1055, 0.3182, 0.2116



16.4748, 0.3620, 0.2772



6.7546, 0.3138, 0.3070



7.7988, 0.3209, 0.1542



0.1394, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 27.2314, 0.3070, 0.4508 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 27.2314, 0.3070, 0.4508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

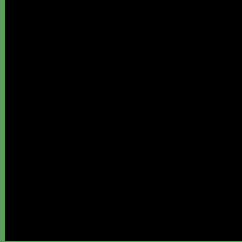
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2314, 0.3070, 0.4508

Background



This preview shows how black text looks on a background with the Yxy color 27.2314, 0.3070, 0.4508.



This preview shows how white text looks on a background with the Yxy color 27.2314, 0.3070, 0.4508.

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

27.2314, 0.3070, 0.4508

Protanopia

27.0027, 0.3843, 0.4165

Deuteranopia

26.9252, 0.3932, 0.3868



Tritanopia

27.1323, 0.2628, 0.3083

Trichromacy



Original Color

27.2314, 0.3070, 0.4508

Protanomaly

26.4942, 0.3528, 0.4296

Deuteranomaly

26.4538, 0.3578, 0.4103

Tritanomaly

27.0007, 0.2789, 0.3579

Monochromacy



Original Color

27.2314, 0.3070, 0.4508

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.8224, 0.3107, 0.3715

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2314, 0.3070, 0.4508 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(93, 157, 93)` looks like.

```
.text, #text, p{  
    color:rgb(93, 157, 93)  
}
```

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(93, 157, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 157, 93) }
```

Border

The CSS property to change the border of an element to Yxy 27.2314, 0.3070, 0.4508 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(93, 157, 93) }
```

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

```
.border{ border-color:rgb(93, 157, 93) }
```

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

Here you see how a box with a 4 pixel rgb(93, 157, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 157, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 157, 93);  
box-shadow:4px 4px 4px 4px rgb(93, 157,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2314, 0.3070, 0.4508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 157, 93) }
```

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

```
.background{ background-color: rgb(93, 157,  
93) }
```

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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