

Converting Colors

$Y_{xy}(27.1627, 0.3634, 0.4169)$

Have a look what the booklet for
Yxy(27.1627, 0.3634, 0.4169)
contains.

Yxy(27.2774, 0.3632, 0.4171)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.2774, 0.3632, 0.4171)

Conversions

Conversions Part 1

Format	Color
Hex	90925D
RGB	144, 146, 93
RGB Percent	56%, 57%, 36%
CMY	0.4354, 0.4274, 0.6353
CMYK	0.01, 0.00, 0.36, 0.43
HSL	62°, 22%, 47%
HSV	62°, 36%, 57%
XYZ	23.7525, 27.2774, 14.3679
YIQ	139.3600, 15.8210, -16.9070

Conversions

Conversions Part 2

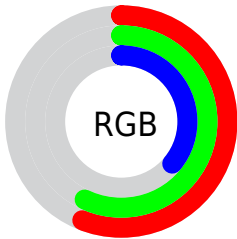
Format	Color
R_{YB}	93, 146, 95
Decimal	9474653
CIE Lab	59.23, -9.33, 27.89
CIE LCh	59, 29.405, 108.497
Yxy	27.2774, 0.3632, 0.4171
Android (android.graphics.Color)	4287664733 (0xFF90925D)
YUV	139.3600, -22.8555, 4.0693
Hunter-Lab	52.2278, -10.2193, 20.2487

Details

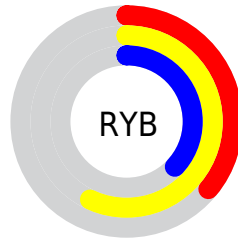
The Yxy color $27.2774, 0.3632, 0.4171$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.3386, 0.2513, 0.2243$, and the grayscale version is $26.0491, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.4643, 0.3537, 0.3984$, and $10.8902, 0.3785, 0.4485$ is the 20% darker color. If you saturate the color by 10%, you get $26.9937, 0.3761, 0.4401$, and if you desaturate by 10%, it is $27.6133, 0.3495, 0.3929$.

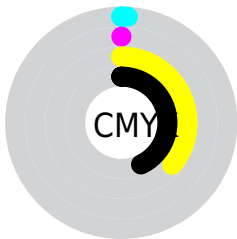
Distribution



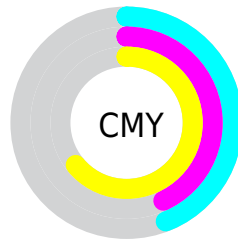
- Red (56%)
- Green (57%)
- Blue (36%)



- Red (36%)
- Yellow (57%)
- Blue (37%)



- Cyan (1%)
- Magenta (0%)
- Yellow (36%)
- Black (43%)



- Cyan (44%)
- Magenta (43%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2774, 0.3632, 0.4171 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 27.2774, 0.3632, 0.4171 by changing the saturation by 10% instead.

■ 27.2774, 0.3632,
0.4171

■ 27.2774, 0.3632,
0.4171

288.9977, 0.3368,
0.3686

■ 17.7817, 0.3699,
0.4306

■ 55.3287, 0.3534,
0.3984

■ 10.7934, 0.3784,
0.4488

■ 74.6530, 0.3498,
0.3917

■ 5.9281, 0.3890,
0.4741

■ 98.0224, 0.3467,
0.3862

■ 2.8014, 0.4099,
0.5215

■ 125.8211, 0.3441,
0.3815

■ 1.0289, 0.4195,
0.5805

158.4336, 0.3419,
0.3776

■ 0.0000, 0.0000,
0.0000

196.2443, 0.3400,

0.3742

239.6375, 0.3383,
0.3712

■ 27.2774, 0.3632,
0.4171

■ 27.2774, 0.3632,
0.4171

■ 26.9937, 0.3761,
0.4401

■ 27.6133, 0.3495,
0.3929

■ 26.7555, 0.3876,
0.4609

■ 28.0001, 0.3354,
0.3682

■ 26.5611, 0.3972,
0.4786

■ 28.4417, 0.3214,
0.3439

■ 26.4070, 0.4046,
0.4926

■ 28.9402, 0.3078,
0.3205

■ 26.2890, 0.4094,
0.5025

■ 29.4978, 0.2948,
0.2983

■ 26.2012, 0.4120,
0.5085

■ 30.1164, 0.2827,
0.2776

■ 26.1713, 0.4128,
0.5105

■ 30.7981, 0.2715,
0.2585

■ 31.5447, 0.2612,
0.2410

■ 32.3579, 0.2519,
0.2252

Harmonies

Analogous

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



27.2774, 0.3987, 0.3975



27.2774, 0.3632, 0.4171



27.2774, 0.3157, 0.4102

Triad

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



27.2774, 0.3632, 0.4171



27.2774, 0.2234, 0.2831



27.2774, 0.3536, 0.2882

Complementary

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



27.2774, 0.3632, 0.4171



12.3386, 0.2513, 0.2243

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.



27.2774, 0.3035, 0.2622



27.2774, 0.3632, 0.4171



27.2774, 0.2315, 0.2572

Square

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



27.2774, 0.3632, 0.4171



27.2774, 0.2366, 0.3261



27.2774, 0.2595, 0.2508



27.2774, 0.3943, 0.3239

Rectangle

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



27.2774, 0.3632, 0.4171



27.2774, 0.2840, 0.3893



27.2774, 0.2595, 0.2508



27.2774, 0.3371, 0.2781

Sweetspot

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



27.2786, 0.3632, 0.4171



49.7701, 0.3282, 0.3558



15.0443, 0.3955, 0.3324



11.0515, 0.3299, 0.3587



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



27.2786, 0.3632, 0.4171



47.6772, 0.3743, 0.4369



25.1850, 0.3334, 0.4265



6.7334, 0.3254, 0.3509



23.0289, 0.4128, 0.5104



0.2847, 0.4163, 0.5077

Inverse Universe

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



12.3386, 0.2513, 0.2243



17.1445, 0.2339, 0.1950



13.9884, 0.2837, 0.2331



5.6430, 0.2995, 0.3062



1.8605, 0.1517, 0.0609



0.0249, 0.1599, 0.0655

Previews

White Background



This preview shows how the Yxy color 27.2774, 0.3632, 0.4171 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 27.2774, 0.3632, 0.4171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

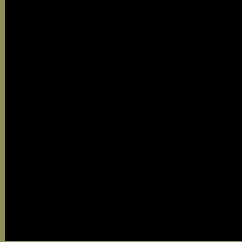
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2774, 0.3632, 0.4171

Background



This preview shows how black text looks on a background with the Yxy color 27.2774, 0.3632, 0.4171.



This preview shows how white text looks on a background with the Yxy color 27.2774, 0.3632, 0.4171.

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

27.2774, 0.3632, 0.4171

Protanopia

27.0873, 0.3793, 0.4089

Deuteranopia

27.0925, 0.3989, 0.3906



Tritanopia

27.2466, 0.3146, 0.3117

Trichromacy



Original Color

27.2774, 0.3632, 0.4171

Protanomaly

26.9969, 0.3740, 0.4118

Deuteranomaly

27.1414, 0.3855, 0.4010

Tritanomaly

27.2269, 0.3325, 0.3502

Monochromacy



Original Color

27.2774, 0.3632, 0.4171

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.4139, 0.3319, 0.3627

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2774, 0.3632, 0.4171 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(144, 146, 93)` looks like.

```
.text, #text, p{  
    color:rgb(144, 146, 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(144, 146, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 146, 93) }
```

Border

The CSS property to change the border of an element to Yxy 27.2774, 0.3632, 0.4171 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(144, 146, 93) }
```

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

```
.border{ border-color:rgb(144, 146, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 146, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 146, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 146, 93);  
box-shadow:4px 4px 4px 4px rgb(144, 146,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2774, 0.3632, 0.4171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 146, 93) }
```

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

```
.background{ background-color: rgb(144,  
146, 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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