

Converting Colors

$Y_{xy}(27.1117, 0.4077, 0.4574)$

Have a look what the booklet for
Yxy(27.1117, 0.4077, 0.4574)
contains.

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Color

Yxy(27.2206, 0.4080, 0.4578)

Conversions

Conversions Part 1

Format	Color
Hex	9B903A
RGB	155, 144, 58
RGB Percent	61%, 56%, 23%
CMY	0.3920, 0.4353, 0.7725
CMYK	0.00, 0.07, 0.63, 0.39
HSL	53°, 46%, 42%
HSV	53°, 63%, 61%
XYZ	24.2595, 27.2206, 7.9795
YIQ	137.4850, 34.1620, -24.4140

Conversions

Conversions Part 2

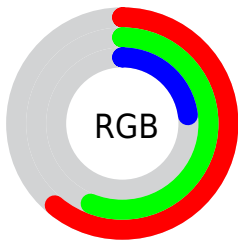
Format	Color
RYB	70, 155, 58
Decimal	10195002
CIELab	59.18, -6.88, 45.92
CIElCh	59, 46.434, 98.519
Yxy	27.2206, 0.4080, 0.4578
Android (android.graphics.Color)	4288385082 (0xFF9B903A)
YUV	137.4850, -39.1861, 15.3607
Hunter-Lab	52.1734, -8.3047, 27.4534

Details

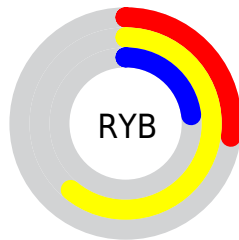
The Yxy color **27.2206, 0.4080, 0.4578** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.5299, 0.1987, 0.1528**, and the grayscale version is **25.3539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4893, 0.3910, 0.4331**, and **10.7743, 0.4308, 0.4951** is the 20% darker color. If you saturate the color by 10%, you get **26.5569, 0.4200, 0.4714**, and if you desaturate by 10%, it is **27.9427, 0.3941, 0.4408**.

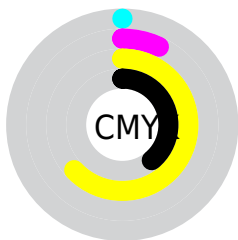
Distribution



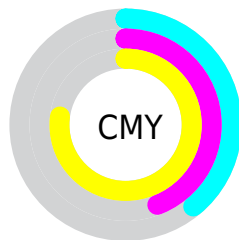
- Red (61%)
- Green (56%)
- Blue (23%)



- Red (27%)
- Yellow (61%)
- Blue (23%)



- Cyan (0%)
- Magenta (7%)
- Yellow (63%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2206, 0.4080, 0.4578 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 27.2206, 0.4080, 0.4578 by changing the saturation by 10% instead.

■ 27.2206, 0.4080,
0.4578

■ 27.2206, 0.4080,
0.4578

■ 288.7236, 0.3598,
0.3898

■ 17.7390, 0.4187,
0.4745

■ 55.2377, 0.3911,
0.4329

■ 10.7627, 0.4306,
0.4948

■ 74.5419, 0.3845,
0.4235

■ 5.9075, 0.4479,
0.5249

■ 97.8891, 0.3788,
0.4156

■ 2.7889, 0.4526,
0.5474

■ 125.6637, 0.3739,
0.4089

■ 1.0226, 0.4383,
0.5617

■ 158.2500, 0.3697,
0.4031

■ 0.0000, 0.0000,
0.0000

■ 196.0325, 0.3660,

0.3981

239.3956, 0.3627,
0.3936

■ 27.2206, 0.4080,
0.4578

■ 27.2206, 0.4080,
0.4578

■ 26.5569, 0.4200,
0.4714

■ 27.9427, 0.3941,
0.4408

■ 25.9433, 0.4296,
0.4810

■ 28.7234, 0.3789,
0.4211

■ 25.3759, 0.4365,
0.4863

■ 29.5673, 0.3630,
0.3999

■ 24.9749, 0.4405,
0.4884

■ 30.4777, 0.3470,
0.3779

■ 31.4575, 0.3314,
0.3559

■ 32.5096, 0.3164,
0.3344

■ 33.6365, 0.3024,
0.3139

■ 34.8407, 0.2893,
0.2946

■ 36.1245, 0.2774,
0.2767

Harmonies

Analogous

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



27.2206, 0.4559, 0.4114



27.2206, 0.4080, 0.4578



27.2206, 0.3381, 0.4708

Triad

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



27.2206, 0.4080, 0.4578



27.2206, 0.1819, 0.2734



27.2206, 0.3494, 0.2525

Complementary

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



27.2206, 0.4080, 0.4578



7.5299, 0.1987, 0.1528

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.



27.2206, 0.2722, 0.2216



27.2206, 0.4080, 0.4578



27.2206, 0.1842, 0.2278

Square

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



27.2206, 0.4080, 0.4578



27.2206, 0.2092, 0.3481



27.2206, 0.2146, 0.2120



27.2206, 0.4236, 0.2995

Rectangle

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



27.2206, 0.4080, 0.4578



27.2206, 0.2886, 0.4489



27.2206, 0.2146, 0.2120



27.2206, 0.3225, 0.2401

Sweetspot

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



27.2219, 0.4080, 0.4578



55.1061, 0.3420, 0.3708



10.4328, 0.4827, 0.3123



12.3691, 0.3462, 0.3767



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.



27.2219, 0.4080, 0.4578



47.1016, 0.4240, 0.4757



27.5998, 0.3572, 0.4944



7.1028, 0.3263, 0.3486



20.0856, 0.4403, 0.4886



0.3299, 0.4299, 0.4969

Inverse Universe

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



7.5299, 0.1987, 0.1528



9.0062, 0.1757, 0.1133



7.8385, 0.2345, 0.1510



6.1339, 0.2988, 0.3087



2.2702, 0.1529, 0.0703



0.0599, 0.1650, 0.1139

Previews

White Background



This preview shows how the Yxy color 27.2206, 0.4080, 0.4578 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 27.2206, 0.4080, 0.4578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

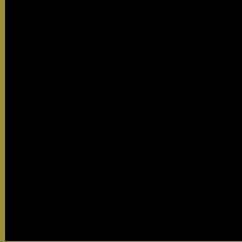
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2206, 0.4080, 0.4578

Background



This preview shows how black text looks on a background with the Yxy color 27.2206, 0.4080, 0.4578.



This preview shows how white text looks on a background with the Yxy color 27.2206, 0.4080, 0.4578.

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

27.2206, 0.4080, 0.4578

Protanopia

27.3213, 0.4136, 0.4541

Deuteranopia

27.2924, 0.4389, 0.4312



Tritanopia

27.1898, 0.3326, 0.3123

Trichromacy



Original Color

27.2206, 0.4080, 0.4578

Protanomaly

27.2195, 0.4124, 0.4547

Deuteranomaly

27.2265, 0.4275, 0.4407

Tritanomaly

26.8654, 0.3637, 0.3671

Monochromacy



Original Color

27.2206, 0.4080, 0.4578

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.7682, 0.3506, 0.3830

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2206, 0.4080, 0.4578 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(155, 144, 58)` looks like.

```
.text, #text, p{  
    color:rgb(155, 144, 58)  
}
```

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(155, 144, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 144, 58) }
```

Border

The CSS property to change the border of an element to Yxy 27.2206, 0.4080, 0.4578 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(155, 144, 58) }
```

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

```
.border{ border-color:rgb(155, 144, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 144, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 144, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 144, 58);  
box-shadow:4px 4px 4px 4px rgb(155, 144,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2206, 0.4080, 0.4578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 144, 58) }
```

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

```
.background{ background-color: rgb(155,  
144, 58) }
```

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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