

Converting Colors

$Y_{xy}(26.9265, 0.4298, 0.4561)$

Have a look what the booklet for
Yxy(26.9265, 0.4298, 0.4561)
contains.

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Color

Yxy(26.9773, 0.4299, 0.4557)

Conversions

Conversions Part 1

Format	Color
Hex	A58C31
RGB	165, 140, 49
RGB Percent	65%, 55%, 19%
CMY	0.3529, 0.4510, 0.8078
CMYK	0.00, 0.15, 0.70, 0.35
HSL	47°, 54%, 42%
HSV	47°, 70%, 65%
XYZ	25.4499, 26.9773, 6.7724
YIQ	137.1010, 44.1110, -23.0010

Conversions

Conversions Part 2

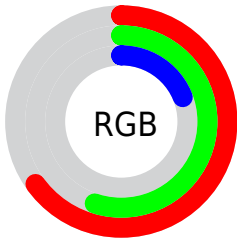
Format	Color
RYB	81, 165, 49
Decimal	10849329
CIELab	58.95, -0.80, 49.99
CIElCh	59, 49.994, 90.922
Yxy	26.9773, 0.4299, 0.4557
Android (android.graphics.Color)	4289039409 (0xFFA58C31)
YUV	137.1010, -43.4338, 24.4674
Hunter-Lab	51.9397, -3.4311, 28.6269

Details

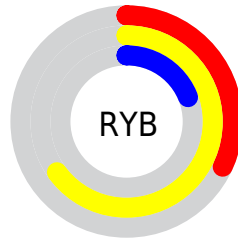
The Yxy color **26.9773, 0.4299, 0.4557** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.2686, 0.1896, 0.1492**, and the grayscale version is **25.2126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7480, 0.4097, 0.4330**, and **10.6273, 0.4537, 0.4780** is the 20% darker color. If you saturate the color by 10%, you get **25.8413, 0.4435, 0.4649**, and if you desaturate by 10%, it is **28.2005, 0.4142, 0.4425**.

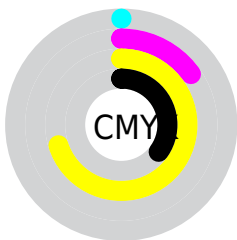
Distribution



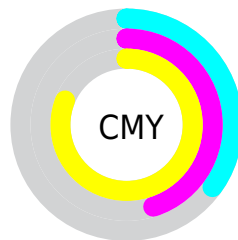
- Red (65%)
- Green (55%)
- Blue (19%)



- Red (32%)
- Yellow (65%)
- Blue (19%)



- Cyan (0%)
- Magenta (15%)
- Yellow (70%)
- Black (35%)



- Cyan (35%)
- Magenta (45%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9773, 0.4299, 0.4557 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 26.9773, 0.4299, 0.4557 by changing the saturation by 10% instead.


 26.9773, 0.4299,
0.4557


 26.9773, 0.4299,
0.4557


287.5472, 0.3705,
0.3911


 17.5562, 0.4430,
0.4701


 54.8474, 0.4091,
0.4329


 10.6318, 0.4577,
0.4865


 74.0652, 0.4009,
0.4241

 5.8198, 0.4842,
0.5158

 97.3174, 0.3939,
0.4165

 2.7358, 0.4833,
0.5167

 124.9883, 0.3879,
0.4099

 0.9954, 0.4817,
0.5183

 157.4623, 0.3827,
0.4043

 0.0000, 0.0000,
0.0000

 195.1239, 0.3781,

0.3993

238.3574, 0.3740,
0.3950

■ 26.9773, 0.4299,
0.4557

■ 26.9773, 0.4299,
0.4557

■ 25.8413, 0.4435,
0.4649

■ 28.2005, 0.4142,
0.4425

■ 24.7824, 0.4544,
0.4696

■ 29.5123, 0.3971,
0.4262

■ 23.8165, 0.4629,
0.4706

■ 30.9187, 0.3794,
0.4078

■ 32.4240, 0.3617,
0.3882

■ 34.0321, 0.3445,
0.3682

■ 35.7467, 0.3283,
0.3485

■ 37.5711, 0.3131,
0.3295

■ 39.5086, 0.2992,
0.3116

■ 41.5623, 0.2866,
0.2948

Harmonies

Analogous

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



26.9773, 0.4731, 0.4005



26.9773, 0.4299, 0.4557



26.9773, 0.3588, 0.4840

Triad

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



26.9773, 0.4299, 0.4557



26.9773, 0.1773, 0.2861



26.9773, 0.3298, 0.2372

Complementary

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



26.9773, 0.4299, 0.4557



8.2686, 0.1896, 0.1492

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.



26.9773, 0.2508, 0.2097



26.9773, 0.4299, 0.4557



26.9773, 0.1724, 0.2293

Square

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



26.9773, 0.4299, 0.4557



26.9773, 0.2139, 0.3727



26.9773, 0.1970, 0.2057



26.9773, 0.4143, 0.2831

Rectangle

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



26.9773, 0.4299, 0.4557



26.9773, 0.3057, 0.4721



26.9773, 0.1970, 0.2057



26.9773, 0.3014, 0.2257

Sweetspot

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



26.9786, 0.4299, 0.4557



60.6256, 0.3463, 0.3704



10.6934, 0.4936, 0.2956



13.0875, 0.3507, 0.3756



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



26.9786, 0.4299, 0.4557



45.2682, 0.4496, 0.4679



32.0492, 0.3711, 0.5051



7.9770, 0.3266, 0.3465



18.0919, 0.4624, 0.4711



0.4413, 0.4442, 0.4855

Inverse Universe

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



8.2686, 0.1896, 0.1492



9.9815, 0.1689, 0.1108



6.7025, 0.2090, 0.1233



7.0960, 0.2987, 0.3108



3.0522, 0.1570, 0.0850



0.1267, 0.1743, 0.1475

Previews

White Background



This preview shows how the Yxy color 26.9773, 0.4299, 0.4557 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 26.9773, 0.4299, 0.4557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

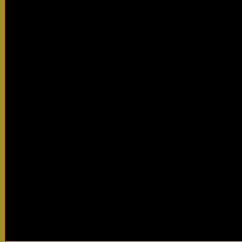
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9773, 0.4299, 0.4557

Background



This preview shows how black text looks on a background with the Yxy color 26.9773, 0.4299, 0.4557.



This preview shows how white text looks on a background with the Yxy color 26.9773, 0.4299, 0.4557.

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

26.9773, 0.4299, 0.4557

Protanopia

26.9472, 0.4202, 0.4613

Deuteranopia

26.9141, 0.4477, 0.4398



Tritanopia

26.9263, 0.3494, 0.3143

Trichromacy



Original Color

26.9773, 0.4299, 0.4557

Protanomaly

26.8571, 0.4235, 0.4587

Deuteranomaly

27.0058, 0.4416, 0.4458

Tritanomaly

26.5679, 0.3831, 0.3689

Monochromacy



Original Color

26.9773, 0.4299, 0.4557

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.3999, 0.3582, 0.3843

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9773, 0.4299, 0.4557 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(165, 140, 49)` looks like.

```
.text, #text, p{  
    color:rgb(165, 140, 49)  
}
```

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(165, 140, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 140, 49) }
```

Border

The CSS property to change the border of an element to Yxy 26.9773, 0.4299, 0.4557 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(165, 140, 49) }
```

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

```
.border{ border-color:rgb(165, 140, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 140, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 140, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 140, 49);  
box-shadow:4px 4px 4px 4px rgb(165, 140,  
49) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9773, 0.4299, 0.4557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 140, 49) }
```

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

```
.background{ background-color: rgb(165,  
140, 49) }
```

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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