

Converting Colors

$Yxy(32.2824, 0.4263, 0.4934)$

Have a look what the booklet for
Yxy(32.2824, 0.4263, 0.4934)
contains.

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Color

Yxy(32.2583, 0.4264, 0.4934)

Conversions

Conversions Part 1

Format	Color
Hex	A69D10
RGB	166, 157, 16
RGB Percent	65%, 62%, 6%
CMY	0.3490, 0.3843, 0.9376
CMYK	0.00, 0.05, 0.90, 0.35
HSL	56°, 83%, 36%
HSV	56°, 90%, 65%
XYZ	27.8779, 32.2583, 5.2434
YIQ	143.6170, 50.6250, -41.9430

Conversions

Conversions Part 2

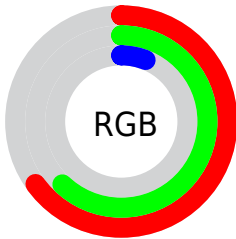
Format	Color
RYB	26, 166, 16
Decimal	10919184
CIELab	63.56, -10.70, 64.40
CIELCh	64, 65.285, 99.437
Yxy	32.2583, 0.4264, 0.4934
Android (android.graphics.Color)	4289109264 (0xFFA69D10)
YUV	143.6170, -62.9152, 19.6299
Hunter-Lab	56.7964, -11.7790, 34.2838

Details

The Yxy color **32.2583, 0.4264, 0.4934** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3.5549, 0.1571, 0.0750**, and the grayscale version is **27.9677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1753, 0.4108, 0.4652**, and **13.6231, 0.4255, 0.5004** is the 20% darker color. If you saturate the color by 10%, you get **31.9007, 0.4301, 0.4967**, and if you desaturate by 10%, it is **32.6684, 0.4205, 0.4868**.

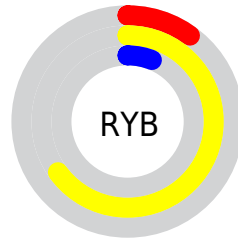
Distribution



Red (65%)

Green (62%)

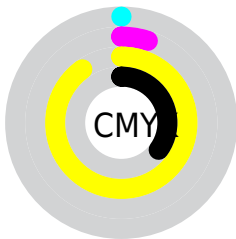
Blue (6%)



Red (10%)

Yellow (65%)

Blue (6%)

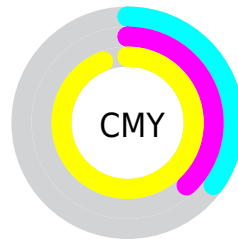


Cyan (0%)

Magenta (5%)

Yellow (90%)

Black (35%)



Cyan (35%)


Magenta (38%)

Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2583, 0.4264, 0.4934 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 32.2583, 0.4264, 0.4934 by changing the saturation by 10% instead.


 32.2583, 0.4264,
0.4934


 32.2583, 0.4264,
0.4934


312.2942, 0.3749,
0.4123


 21.5589, 0.4348,
0.5101


 63.2158, 0.4104,
0.4658


 13.5331, 0.4422,
0.5286


 84.2427, 0.4035,
0.4548


 7.7967, 0.4489,
0.5511


 109.4808, 0.3973,
0.4452

 3.9651, 0.4390,
0.5610

 139.3146, 0.3918,
0.4368

 1.6541, 0.4221,
0.5779

 174.1284, 0.3868,
0.4295

 0.3936, 0.2228,
0.7772

 214.3067, 0.3824,

 0.0000, 0.0000,

0.4231

0.0000

260.2338, 0.3785,
0.4174

■ 32.2583, 0.4264,
0.4934

■ 32.2583, 0.4264,
0.4934

■ 31.9007, 0.4301,
0.4967

■ 32.6684, 0.4205,
0.4868

■ 33.1255, 0.4121,
0.4759

■ 33.6369, 0.4012,
0.4610

■ 34.2079, 0.3883,
0.4426

■ 34.8429, 0.3739,
0.4217

■ 35.5459, 0.3588,
0.3992

■ 36.3206, 0.3433,
0.3759

■ 37.1705, 0.3280,
0.3526

■ 38.0988, 0.3133,
0.3299

Harmonies

Analogous

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



32.2583, 0.4933, 0.4274



32.2583, 0.4264, 0.4934



32.2583, 0.3361, 0.5206

Triad

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



32.2583, 0.4264, 0.4934



32.2583, 0.1476, 0.2503



32.2583, 0.3627, 0.2333

Complementary

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



32.2583, 0.4264, 0.4934



3.5549, 0.1571, 0.0750

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.



32.2583, 0.2613, 0.1952



32.2583, 0.4264, 0.4934



32.2583, 0.1526, 0.1976

Square

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



32.2583, 0.4264, 0.4934



32.2583, 0.1772, 0.3480



32.2583, 0.1896, 0.1819



32.2583, 0.4622, 0.2902

Rectangle

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



32.2583, 0.4264, 0.4934



32.2583, 0.2737, 0.4927



32.2583, 0.1896, 0.1819



32.2583, 0.3269, 0.2181

Sweetspot

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



32.2598, 0.4264, 0.4934



64.8974, 0.3543, 0.3924



8.5505, 0.6092, 0.3236



14.4237, 0.3593, 0.4000



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



32.2598, 0.4264, 0.4934



57.7741, 0.4303, 0.4965



30.0791, 0.3506, 0.5523



8.6955, 0.3264, 0.3500



24.7577, 0.4300, 0.4968



0.6247, 0.4261, 0.4998

Inverse Universe

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



3.5549, 0.1571, 0.0750



5.2849, 0.1509, 0.0631



4.8689, 0.2019, 0.0940



7.3702, 0.2986, 0.3071



2.3277, 0.1514, 0.0648



0.0785, 0.1573, 0.0863

Previews

White Background



This preview shows how the Yxy color 32.2583, 0.4264, 0.4934 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.2583, 0.4264, 0.4934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

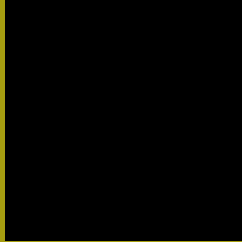
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2583, 0.4264, 0.4934

Background



This preview shows how black text looks on a background with the Yxy color 32.2583, 0.4264, 0.4934.



This preview shows how white text looks on a background with the Yxy color 32.2583, 0.4264, 0.4934.

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

32.2583, 0.4264, 0.4934

Protanopia

32.1444, 0.4384, 0.4844

Deuteranopia

32.1017, 0.4656, 0.4569



Tritanopia

32.2222, 0.3333, 0.3134

Trichromacy



Original Color

32.2583, 0.4264, 0.4934

Protanomaly

32.1351, 0.4341, 0.4877

Deuteranomaly

32.0610, 0.4519, 0.4701

Tritanomaly

31.6240, 0.3802, 0.3939

Monochromacy



Original Color

32.2583, 0.4264, 0.4934

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

29.0334, 0.3670, 0.4122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2583, 0.4264, 0.4934 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(166, 157, 16)` looks like.

```
.text, #text, p{  
    color:rgb(166, 157, 16)  
}
```

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(166, 157, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 157, 16) }
```

Border

The CSS property to change the border of an element to Yxy 32.2583, 0.4264, 0.4934 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(166, 157, 16) }
```

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

```
.border{ border-color:rgb(166, 157, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 157, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 157, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 157, 16);  
box-shadow:4px 4px 4px 4px rgb(166, 157,  
16) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2583, 0.4264, 0.4934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 157, 16) }
```

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

```
.background{ background-color: rgb(166,  
157, 16) }
```

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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