

Converting Colors

$Y_{xy}(32.8900, 0.3716, 0.4822)$

Have a look what the booklet for
Yxy(32.8900, 0.3716, 0.4822)
contains.

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Color

Yxy(32.9546, 0.3714, 0.4820)

Conversions

Conversions Part 1

Format	Color
Hex	8DA541
RGB	141, 165, 65
RGB Percent	55%, 65%, 25%
CMY	0.4471, 0.3529, 0.7451
CMYK	0.15, 0.00, 0.61, 0.35
HSL	74°, 43%, 45%
HSV	74°, 61%, 65%
XYZ	25.3928, 32.9546, 10.0231
YIQ	146.4240, 17.7960, -36.1880

Conversions

Conversions Part 2

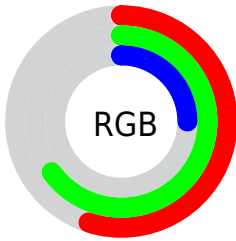
Format	Color
RYB	65, 165, 89
Decimal	9282881
CIELab	64.12, -23.33, 47.84
CIElCh	64, 53.228, 116.001
Yxy	32.9546, 0.3714, 0.4820
Android (android.graphics.Color)	4287472961 (0xFF8DA541)
YUV	146.4240, -40.1420, -4.7568
Hunter-Lab	57.4061, -21.5036, 29.8322

Details

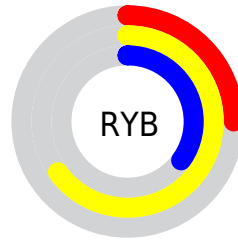
The Yxy color **32.9546, 0.3714, 0.4820** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.6219, 0.2207, 0.1486**, and the grayscale version is **29.0907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3411, 0.3632, 0.4509**, and **13.9003, 0.3801, 0.5300** is the 20% darker color. If you saturate the color by 10%, you get **32.4509, 0.3765, 0.5023**, and if you desaturate by 10%, it is **33.5296, 0.3642, 0.4586**.

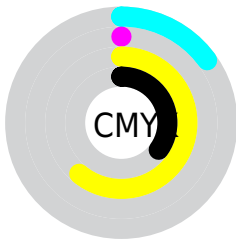
Distribution



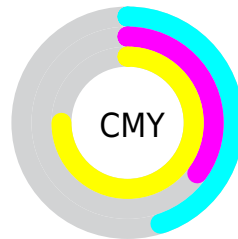
- Red (55%)
- Green (65%)
- Blue (25%)



- Red (25%)
- Yellow (65%)
- Blue (35%)



- Cyan (15%)
- Magenta (0%)
- Yellow (61%)
- Black (35%)




- Cyan (45%)
- Magenta (35%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9546, 0.3714, 0.4820 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 32.9546, 0.3714, 0.4820 by changing the saturation by 10% instead.

 32.9546, 0.3714,
0.4820


 32.9546, 0.3714,
0.4820


315.4451, 0.3449,
0.3999

 22.0917, 0.3759,
0.5032


 64.3046, 0.3631,
0.4513


 13.9243, 0.3797,
0.5302


 85.5605, 0.3595,
0.4400

 8.0680, 0.3811,
0.5650


 111.0496, 0.3563,
0.4305

 4.1385, 0.3809,
0.6191

 141.1561, 0.3535,
0.4225

 1.7513, 0.3441,
0.6559

 176.2645, 0.3510,
0.4156

 0.4566, 0.0000,
1.0000

216.7592, 0.3487,

 0.0000, 0.0000,

0.4096

0.0000

263.0246, 0.3467,
0.4044

■ 32.9546, 0.3714,
0.4820

■ 32.9546, 0.3714,
0.4820

■ 32.4509, 0.3765,
0.5023

■ 33.5296, 0.3642,
0.4586

■ 32.0088, 0.3791,
0.5186

■ 34.1759, 0.3554,
0.4332

■ 31.6238, 0.3793,
0.5304

■ 34.8992, 0.3455,
0.4068

■ 31.3014, 0.3778,
0.5382

■ 35.7032, 0.3349,
0.3805

■ 36.5914, 0.3241,
0.3548

■ 37.5670, 0.3134,
0.3304

■ 38.6331, 0.3030,
0.3076

■ 39.7926, 0.2931,
0.2866

■ 41.0483, 0.2838,
0.2673

Harmonies

Analogous

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



32.9546, 0.4390, 0.4473



32.9546, 0.3714, 0.4820



32.9546, 0.2925, 0.4637

Triad

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



32.9546, 0.3714, 0.4820



32.9546, 0.1716, 0.2366



32.9546, 0.4012, 0.2748

Complementary

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



32.9546, 0.3714, 0.4820



8.6219, 0.2207, 0.1486

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.



32.9546, 0.3157, 0.2316



32.9546, 0.3714, 0.4820



32.9546, 0.1913, 0.2079

Square

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



32.9546, 0.3714, 0.4820



32.9546, 0.1816, 0.2988



32.9546, 0.2403, 0.2078



32.9546, 0.4633, 0.3303

Rectangle

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



32.9546, 0.3714, 0.4820



32.9546, 0.2440, 0.4173



32.9546, 0.2403, 0.2078



32.9546, 0.3734, 0.2586

Sweetspot

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



32.9561, 0.3714, 0.4820



64.2859, 0.3324, 0.3745



15.4161, 0.4722, 0.3642



13.9614, 0.3354, 0.3818



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.



32.9561, 0.3714, 0.4820



57.8048, 0.3778, 0.5089



29.5522, 0.3237, 0.5090



8.1512, 0.3226, 0.3515



23.7018, 0.3782, 0.5379



0.5177, 0.3940, 0.5253

Inverse Universe

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



8.6219, 0.2207, 0.1486



10.3280, 0.1970, 0.1104



11.9295, 0.2825, 0.1753



6.9382, 0.3022, 0.3060



2.4107, 0.1650, 0.0682



0.0708, 0.2011, 0.0882

Previews

White Background



This preview shows how the Yxy color 32.9546, 0.3714, 0.4820 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 32.9546, 0.3714, 0.4820 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 32.9546, 0.3714, 0.4820

Background



This preview shows how black text looks on a background with the Yxy color 32.9546, 0.3714, 0.4820.



This preview shows how white text looks on a background with the Yxy color 32.9546, 0.3714, 0.4820.

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

32.9546, 0.3714, 0.4820

Protanopia

32.6747, 0.4154, 0.4551

Deuteranopia

32.8285, 0.4363, 0.4284



Tritanopia

33.0050, 0.3001, 0.3111

Trichromacy



Original Color

32.9546, 0.3714, 0.4820

Protanomaly

32.7322, 0.3984, 0.4658

Deuteranomaly

32.4128, 0.4121, 0.4477

Tritanomaly

32.7975, 0.3292, 0.3746

Monochromacy



Original Color

32.9546, 0.3714, 0.4820

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.9961, 0.3375, 0.3878

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9546, 0.3714, 0.4820 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(141, 165, 65)` looks like.

```
.text, #text, p{  
    color:rgb(141, 165, 65)  
}
```

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(141, 165, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 165, 65) }
```

Border

The CSS property to change the border of an element to Yxy 32.9546, 0.3714, 0.4820 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(141, 165, 65) }
```

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

```
.border{ border-color:rgb(141, 165, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 165, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 165, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 165, 65);  
box-shadow:4px 4px 4px 4px rgb(141, 165,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9546, 0.3714, 0.4820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 165, 65) }
```

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

```
.background{ background-color: rgb(141,  
165, 65) }
```

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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