

Converting Colors

$Y_{xy}(24.3532, 0.3315, 0.4269)$

Have a look what the booklet for
Yxy(24.3532, 0.3315, 0.4269)
contains.

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Color

Yxy(24.2966, 0.3308, 0.4265)

Conversions

Conversions Part 1

Format	Color
Hex	72905C
RGB	114, 144, 92
RGB Percent	45%, 56%, 36%
CMY	0.5530, 0.4353, 0.6391
CMYK	0.21, 0.00, 0.36, 0.44
HSL	95°, 22%, 46%
HSV	95°, 36%, 56%
XYZ	18.8448, 24.2966, 13.8260
YIQ	129.1020, -1.1880, -22.5320

Conversions

Conversions Part 2

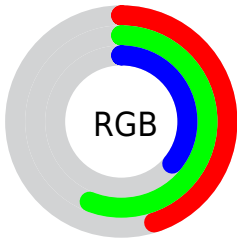
Format	Color
RYB	92, 144, 122
Decimal	7508060
CIELab	56.38, -20.44, 24.27
CIELCh	56, 31.735, 130.103
Yxy	24.2966, 0.3308, 0.4265
Android (android.graphics.Color)	4285698140 (0xFF72905C)
YUV	129.1020, -18.2913, -13.2445
Hunter-Lab	49.2916, -18.0174, 17.8736

Details

The Yxy color $24.2966, 0.3308, 0.4265$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $13.8109, 0.2870, 0.2346$, and the grayscale version is $22.0571, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.5868, 0.3280, 0.4039$, and $9.1420, 0.3349, 0.4662$ is the 20% darker color. If you saturate the color by 10%, you get $23.5369, 0.3345, 0.4566$, and if you desaturate by 10%, it is $25.1569, 0.3263, 0.3972$.

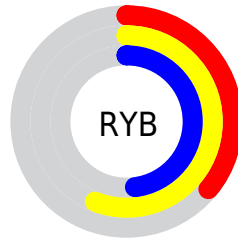
Distribution



Red (45%)

Green (56%)

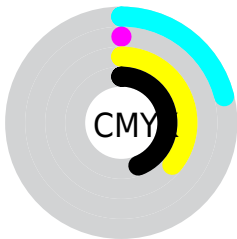
Blue (36%)



Red (36%)

Yellow (56%)

Blue (48%)

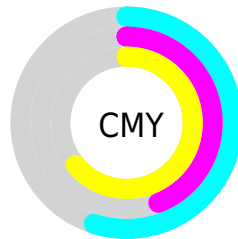


Cyan (21%)

Magenta (0%)

Yellow (36%)

Black (44%)



Cyan (55%)


Magenta (44%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2966, 0.3308, 0.4265 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 24.2966, 0.3308, 0.4265 by changing the saturation by 10% instead.


 24.2966, 0.3308,
0.4265


 24.2966, 0.3308,
0.4265

274.3166, 0.3222,
0.3705


 15.5538, 0.3324,
0.4434


 50.5138, 0.3279,
0.4041

 9.2090, 0.3340,
0.4671


 68.7569, 0.3268,
0.3964

 4.8777, 0.3345,
0.5025

 90.9356, 0.3257,
0.3900

 2.1757, 0.3439,
0.5818

 117.4343, 0.3248,
0.3848

 0.7067, 0.1963,
0.8037

148.6374, 0.3241,
0.3804

 0.0000, 0.0000,
0.0000

184.9292, 0.3234,

0.3766

226.6941, 0.3227,
0.3733

■ 24.2966, 0.3308,
0.4265

■ 24.2966, 0.3308,
0.4265

■ 23.5369, 0.3345,
0.4566

■ 25.1569, 0.3263,
0.3972

■ 22.8706, 0.3369,
0.4863

■ 26.1186, 0.3212,
0.3694

■ 22.2945, 0.3379,
0.5142

■ 27.1861, 0.3160,
0.3436

■ 21.8035, 0.3370,
0.5386

■ 28.3630, 0.3106,
0.3201

■ 21.3925, 0.3342,
0.5583

■ 29.6524, 0.3054,
0.2989

■ 21.0538, 0.3298,
0.5726

■ 31.0574, 0.3004,
0.2799

■ 20.9357, 0.3281,
0.5777

■ 32.5810, 0.2956,
0.2629

■ 34.2260, 0.2911,
0.2479

■ 35.9952, 0.2869,
0.2345

Harmonies

Analogous

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



24.2966, 0.3817, 0.4239



24.2966, 0.3308, 0.4265



24.2966, 0.2775, 0.3948

Triad

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



24.2966, 0.3308, 0.4265



24.2966, 0.2178, 0.2547



24.2966, 0.3936, 0.3110

Complementary

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



24.2966, 0.3308, 0.4265



13.8109, 0.2870, 0.2346

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.



24.2966, 0.3428, 0.2742



24.2966, 0.3308, 0.4265



24.2966, 0.2426, 0.2421

Square

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



24.2966, 0.3308, 0.4265



24.2966, 0.2153, 0.2889



24.2966, 0.2871, 0.2497



24.2966, 0.4210, 0.3538

Rectangle

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



24.2966, 0.3308, 0.4265



24.2966, 0.2479, 0.3598



24.2966, 0.2871, 0.2497



24.2966, 0.3785, 0.2978

Sweetspot

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



24.2977, 0.3308, 0.4265



46.9589, 0.3187, 0.3566



20.4936, 0.3776, 0.3807



10.7175, 0.3193, 0.3596



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.



24.2977, 0.3308, 0.4265



41.7947, 0.3337, 0.4499



23.0588, 0.3048, 0.4265



6.1338, 0.3176, 0.3513



18.2438, 0.3285, 0.5774



0.1869, 0.3633, 0.5498

Inverse Universe

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



13.8109, 0.2870, 0.2346



20.5866, 0.2797, 0.2128



15.4967, 0.3214, 0.2477



5.3990, 0.3074, 0.3069



3.3737, 0.2205, 0.0988



0.0453, 0.2657, 0.1237

Previews

White Background



This preview shows how the Yxy color 24.2966, 0.3308, 0.4265 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 24.2966, 0.3308, 0.4265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

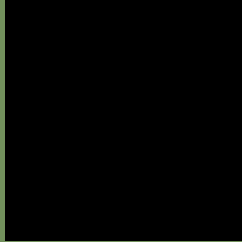
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2966, 0.3308, 0.4265

Background



This preview shows how black text looks on a background with the Yxy color 24.2966, 0.3308, 0.4265.



This preview shows how white text looks on a background with the Yxy color 24.2966, 0.3308, 0.4265.

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

24.2966, 0.3308, 0.4265

Protanopia

24.1435, 0.3767, 0.4082

Deuteranopia

24.0003, 0.3901, 0.3835



Tritanopia

24.1670, 0.2862, 0.3099

Trichromacy



Original Color

24.2966, 0.3308, 0.4265

Protanomaly

23.9666, 0.3593, 0.4155

Deuteranomaly

23.6980, 0.3671, 0.3977

Tritanomaly

24.2366, 0.3021, 0.3507

Monochromacy



Original Color

24.2966, 0.3308, 0.4265

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.5962, 0.3203, 0.3620

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2966, 0.3308, 0.4265 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(114, 144, 92)` looks like.

```
.text, #text, p{  
    color:rgb(114, 144, 92)  
}
```

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(114, 144, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 144, 92) }
```

Border

The CSS property to change the border of an element to Yxy 24.2966, 0.3308, 0.4265 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(114, 144, 92) }
```

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

```
.border{ border-color:rgb(114, 144, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 144, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 144, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 144, 92);  
box-shadow:4px 4px 4px 4px rgb(114, 144,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2966, 0.3308, 0.4265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 144, 92) }
```

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

```
.background{ background-color: rgb(114,  
144, 92) }
```

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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