

Converting Colors

$Y_{xy}(24.7602, 0.3445, 0.4229)$

Have a look what the booklet for
Yxy(24.7602, 0.3445, 0.4229)
contains.

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Color

Yxy(24.7602, 0.3445, 0.4229)

Conversions

Conversions Part 1

Format	Color
Hex	7D8F5B
RGB	125, 143, 91
RGB Percent	49%, 56%, 36%
CMY	0.5098, 0.4392, 0.6430
CMYK	0.13, 0.00, 0.36, 0.44
HSL	81°, 22%, 46%
HSV	81°, 36%, 56%
XYZ	20.1700, 24.7602, 13.6184
YIQ	131.6900, 5.9640, -19.9880

Conversions

Conversions Part 2

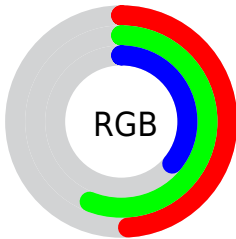
Format	Color
R_{YB}	91, 143, 109
Decimal	8228699
CIE _{Lab}	56.84, -15.73, 25.57
CIE _{LCh}	57, 30.022, 121.608
Yxy	24.7602, 0.3445, 0.4229
Android (android.graphics.Color)	4286418779 (0xFF7D8F5B)
YUV	131.6900, -20.0602, -5.8671
Hunter-Lab	49.7596, -14.7246, 18.6050

Details

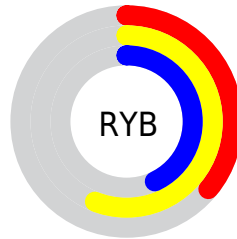
The Yxy color $24.7602, 0.3445, 0.4229$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.7212, 0.2710, 0.2297$, and the grayscale version is $23.0305, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.3505, 0.3381, 0.4019$, and $9.5064, 0.3527, 0.4612$ is the 20% darker color. If you saturate the color by 10%, you get $24.1742, 0.3519, 0.4500$, and if you desaturate by 10%, it is $25.4140, 0.3362, 0.3957$.

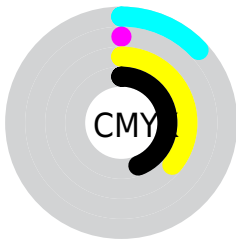
Distribution



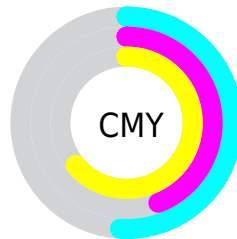
- Red (49%)
- Green (56%)
- Blue (36%)



- Red (36%)
- Yellow (56%)
- Blue (43%)



- Cyan (13%)
- Magenta (0%)
- Yellow (36%)
- Black (44%)





- Cyan (51%)
- Magenta (44%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7602, 0.3445, 0.4229 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 24.7602, 0.3445, 0.4229 by changing the saturation by 10% instead.


 24.7602, 0.3445,
0.4229


 24.7602, 0.3445,
0.4229


276.6416, 0.3282,
0.3696


 15.8985, 0.3484,
0.4386


 51.2679, 0.3386,
0.4018

 9.4523, 0.3530,
0.4604


 69.6827, 0.3364,
0.3944

 5.0374, 0.3581,
0.4921

 92.0507, 0.3345,
0.3884

 2.2692, 0.3762,
0.5636

 118.7562, 0.3329,
0.3834

 0.7573, 0.3071,
0.6929

150.1837, 0.3315,
0.3791

 0.0000, 0.0000,
0.0000

186.7174, 0.3302,

0.3755

228.7420, 0.3292,
0.3724

■ 24.7602, 0.3445,
0.4229

■ 24.7602, 0.3445,
0.4229

■ 24.1742, 0.3519,
0.4500

■ 25.4140, 0.3362,
0.3957

■ 23.6497, 0.3580,
0.4760

■ 26.1351, 0.3273,
0.3693

■ 23.1846, 0.3623,
0.4998


■ 26.9270, 0.3184,
0.3441


■ 22.7755, 0.3645,
0.5201

■ 27.7923, 0.3095,
0.3206

■ 22.4180, 0.3642,
0.5362


■ 28.7331, 0.3010,
0.2990


 22.1060, 0.3619,
0.5478

 29.7516, 0.2928,
0.2792

 21.9985, 0.3608,
0.5517

 30.8500, 0.2852,
0.2613

 32.0301, 0.2781,
0.2452

 33.2939, 0.2714,
0.2306

Harmonies

Analogous

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



24.7602, 0.3892, 0.4127



24.7602, 0.3445, 0.4229



24.7602, 0.2935, 0.4019

Triad

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



24.7602, 0.3445, 0.4229



24.7602, 0.2200, 0.2662



24.7602, 0.3768, 0.3015

Complementary

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



24.7602, 0.3445, 0.4229



12.7212, 0.2710, 0.2297

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.



24.7602, 0.3260, 0.2692



24.7602, 0.3445, 0.4229



24.7602, 0.2378, 0.2482

Square

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



24.7602, 0.3445, 0.4229



24.7602, 0.2240, 0.3041



24.7602, 0.2752, 0.2501



24.7602, 0.4102, 0.3412

Rectangle

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



24.7602, 0.3445, 0.4229



24.7602, 0.2628, 0.3725



24.7602, 0.2752, 0.2501



24.7602, 0.3610, 0.2896

Sweetspot

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



24.7613, 0.3445, 0.4229



47.5134, 0.3227, 0.3562



17.3941, 0.3855, 0.3602



10.8572, 0.3238, 0.3592



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.



24.7613, 0.3445, 0.4229



43.4345, 0.3510, 0.4462



23.0920, 0.3165, 0.4317



6.1933, 0.3209, 0.3511



19.4628, 0.3611, 0.5515



0.1983, 0.3888, 0.5295

Inverse Universe

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



12.7212, 0.2710, 0.2297



18.4548, 0.2585, 0.2033



14.5653, 0.3048, 0.2389



5.3401, 0.3040, 0.3066



2.3526, 0.1787, 0.0758



0.0339, 0.2266, 0.1022

Previews

White Background



This preview shows how the Yxy color 24.7602, 0.3445, 0.4229 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 24.7602, 0.3445, 0.4229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

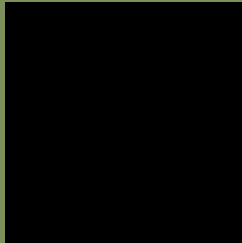
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7602, 0.3445, 0.4229

Background



This preview shows how black text looks on a background with the Yxy color 24.7602, 0.3445, 0.4229.



This preview shows how white text looks on a background with the Yxy color 24.7602, 0.3445, 0.4229.

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

24.7602, 0.3445, 0.4229

Protanopia

24.6088, 0.3786, 0.4090

Deuteranopia

24.5599, 0.3943, 0.3857



Tritanopia

24.7014, 0.2984, 0.3105

Trichromacy



Original Color

24.7602, 0.3445, 0.4229

Protanomaly

24.7620, 0.3661, 0.4148

Deuteranomaly

24.5078, 0.3751, 0.3991

Tritanomaly

24.7434, 0.3150, 0.3500

Monochromacy



Original Color

24.7602, 0.3445, 0.4229

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.5598, 0.3247, 0.3630

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7602, 0.3445, 0.4229 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(125, 143, 91)` looks like.

```
.text, #text, p{  
    color:rgb(125, 143, 91)  
}
```

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(125, 143, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 143, 91) }
```

Border

The CSS property to change the border of an element to Yxy 24.7602, 0.3445, 0.4229 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(125, 143, 91) }
```

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

```
.border{ border-color:rgb(125, 143, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 143, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 143, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 143, 91);  
box-shadow:4px 4px 4px 4px rgb(125, 143,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7602, 0.3445, 0.4229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 143, 91) }
```

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

```
.background{ background-color: rgb(125,  
143, 91) }
```

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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