

Converting Colors

$Y_{xy}(24.1624, 0.3238, 0.4282)$

Have a look what the booklet for
Yxy(24.1624, 0.3238, 0.4282)
contains.

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Color

Yxy(24.2293, 0.3232, 0.4282)

Conversions

Conversions Part 1

Format	Color
Hex	6C915D
RGB	108, 145, 93
RGB Percent	42%, 57%, 36%
CMY	0.5764, 0.4314, 0.6353
CMYK	0.25, 0.00, 0.36, 0.43
HSL	103°, 22%, 47%
HSV	103°, 36%, 57%
XYZ	18.2880, 24.2293, 14.0668
YIQ	128.0090, -5.3600, -24.0160

Conversions

Conversions Part 2

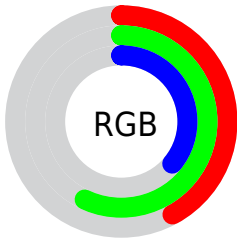
Format	Color
R_{YB}	93, 145, 130
Decimal	7115101
CIE _{Lab}	56.32, -23.05, 23.58
CIE _{LCh}	56, 32.977, 134.357
Yxy	24.2293, 0.3232, 0.4282
Android (android.graphics.Color)	4285305181 (0xFF6C915D)
YUV	128.0090, -17.2594, -17.5479
Hunter-Lab	49.2233, -19.8224, 17.5127

Details

The Yxy color $24.2293, 0.3232, 0.4282$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $14.6144, 0.2964, 0.2377$, and the grayscale version is $21.6543, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.3340, 0.3215, 0.4050$, and $9.1325, 0.3239, 0.4696$ is the 20% darker color. If you saturate the color by 10%, you get $23.3886, 0.3249, 0.4599$, and if you desaturate by 10%, it is $25.1973, 0.3207, 0.3977$.

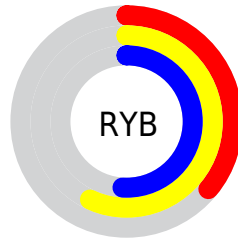
Distribution



Red (42%)

Green (57%)

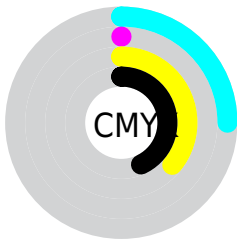
Blue (36%)



Red (36%)

Yellow (57%)

Blue (51%)

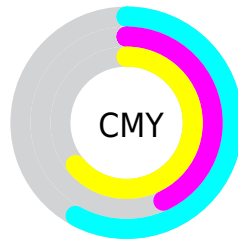


Cyan (25%)

Magenta (0%)

Yellow (36%)

Black (43%)



Cyan (58%)


Magenta (43%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2293, 0.3232, 0.4282 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 24.2293, 0.3232, 0.4282 by changing the saturation by 10% instead.


 24.2293, 0.3232,
0.4282


 24.2293, 0.3232,
0.4282


273.9777, 0.3189,
0.3710

 15.5038, 0.3236,
0.4456


 50.4041, 0.3220,
0.4052

 9.1737, 0.3234,
0.4703


 68.6222, 0.3214,
0.3973

 4.8547, 0.3215,
0.5073

 90.7734, 0.3209,
0.3908

 2.1622, 0.3250,
0.5884

 117.2419, 0.3204,
0.3855

 0.6993, 0.1271,
0.8729

148.4122, 0.3200,
0.3810

 0.0000, 0.0000,
0.0000

184.6686, 0.3196,

0.3772

226.3957, 0.3192,
0.3738

■ 24.2293, 0.3232,
0.4282

■ 24.2293, 0.3232,
0.4282

■ 23.3886, 0.3249,
0.4599

■ 25.1973, 0.3207,
0.3977

■ 22.6665, 0.3257,
0.4915

■ 26.2944, 0.3178,
0.3692

■ 22.0584, 0.3252,
0.5213

■ 27.5265, 0.3146,
0.3431


■ 21.5577, 0.3234,
0.5476

■ 28.8981, 0.3114,
0.3196


■ 21.1575, 0.3202,
0.5686


■ 30.4136, 0.3081,
0.2987


 20.8484, 0.3160,
0.5833

 32.0769, 0.3049,
0.2801

 20.7408, 0.3144,
0.5886

 33.8922, 0.3018,
0.2638

 35.8631, 0.2989,
0.2494

 37.9933, 0.2962,
0.2367

Harmonies

Analogous

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



24.2293, 0.3774, 0.4300



24.2293, 0.3232, 0.4282



24.2293, 0.2689, 0.3905

Triad

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



24.2293, 0.3232, 0.4282



24.2293, 0.2167, 0.2486



24.2293, 0.4028, 0.3163

Complementary

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



24.2293, 0.3232, 0.4282



14.6144, 0.2964, 0.2377

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.



24.2293, 0.3522, 0.2770



24.2293, 0.3232, 0.4282



24.2293, 0.2454, 0.2389

Square

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



24.2293, 0.3232, 0.4282



24.2293, 0.2107, 0.2807



24.2293, 0.2937, 0.2495



24.2293, 0.4266, 0.3607

Rectangle

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



24.2293, 0.3232, 0.4282



24.2293, 0.2399, 0.3526



24.2293, 0.2937, 0.2495



24.2293, 0.3881, 0.3022

Sweetspot

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



24.2303, 0.3232, 0.4282



48.0836, 0.3164, 0.3568



22.6148, 0.3732, 0.3916



10.6393, 0.3167, 0.3599



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.



24.2303, 0.3232, 0.4282



42.1666, 0.3247, 0.4536



23.5641, 0.2988, 0.4116



6.1002, 0.3157, 0.3514



17.8027, 0.3147, 0.5883



0.1803, 0.3460, 0.5635

Inverse Universe

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



14.6144, 0.2964, 0.2377



22.3183, 0.2915, 0.2166



15.5849, 0.3309, 0.2587



5.4338, 0.3094, 0.3070



4.2441, 0.2506, 0.1154



0.0519, 0.2851, 0.1344

Previews

White Background



This preview shows how the Yxy color 24.2293, 0.3232, 0.4282 looks on a white background.

Color Contrast Check

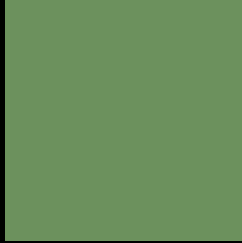
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2293, 0.3232, 0.4282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

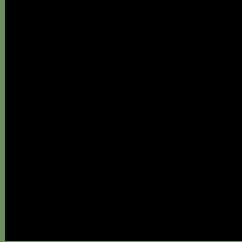
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2293, 0.3232, 0.4282

Background



This preview shows how black text looks on a background with the Yxy color 24.2293, 0.3232, 0.4282.



This preview shows how white text looks on a background with the Yxy color 24.2293, 0.3232, 0.4282.

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

24.2293, 0.3232, 0.4282

Protanopia

24.1602, 0.3757, 0.4066

Deuteranopia

24.0372, 0.3877, 0.3803



Tritanopia

24.1288, 0.2804, 0.3097

Trichromacy



Original Color

24.2293, 0.3232, 0.4282

Protanomaly

24.1090, 0.3554, 0.4161

Deuteranomaly

23.8352, 0.3620, 0.3965

Tritanomaly

24.2121, 0.2960, 0.3509

Monochromacy



Original Color

24.2293, 0.3232, 0.4282

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.3529, 0.3179, 0.3643

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2293, 0.3232, 0.4282 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(108, 145, 93)` looks like.

```
.text, #text, p{  
    color:rgb(108, 145, 93)  
}
```

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(108, 145, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 145, 93) }
```

Border

The CSS property to change the border of an element to Yxy 24.2293, 0.3232, 0.4282 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(108, 145, 93) }
```

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

```
.border{ border-color:rgb(108, 145, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 145, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 145, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 145, 93);  
box-shadow:4px 4px 4px 4px rgb(108, 145,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2293, 0.3232, 0.4282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 145, 93) }
```

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

```
.background{ background-color: rgb(108,  
145, 93) }
```

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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