

Converting Colors

$Y_{xy}(22.2053, 0.3062, 0.4216)$

Have a look what the booklet for
Yxy(22.2053, 0.3062, 0.4216)
contains.

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Color

$\text{Yxy}(22.2031, 0.3063, 0.4223)$

Conversions

Conversions Part 1

Format	Color
Hex	5D8D5F
RGB	93, 141, 95
RGB Percent	36%, 55%, 37%
CMY	0.6354, 0.4470, 0.6273
CMYK	0.34, 0.00, 0.33, 0.45
HSL	123°, 21%, 46%
HSV	123°, 34%, 55%
XYZ	16.1042, 22.2031, 14.2693
YIQ	121.4040, -13.8420, -24.4820

Conversions

Conversions Part 2

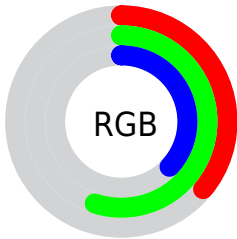
Format	Color
R_{YB}	93, 139, 141
Decimal	6131039
CIE _{Lab}	54.24, -26.09, 19.52
CIE _{LCh}	54, 32.584, 143.201
Yxy	22.2031, 0.3063, 0.4223
Android (android.graphics.Color)	4284321119 (0xFF5D8D5F)
YUV	121.4040, -13.0172, -24.9103
Hunter-Lab	47.1202, -21.4545, 15.0295

Details

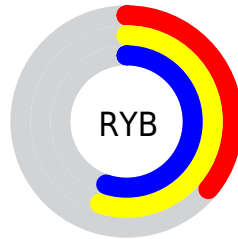
The Yxy color **22.2031, 0.3063, 0.4223** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.3518, 0.3193, 0.2506**, and the grayscale version is **19.3044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.1253, 0.3086, 0.3998**, and **8.0612, 0.3011, 0.4642** is the 20% darker color. If you saturate the color by 10%, you get **21.3103, 0.3043, 0.4553**, and if you desaturate by 10%, it is **23.2760, 0.3083, 0.3914**.

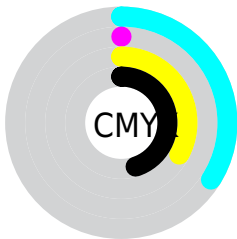
Distribution



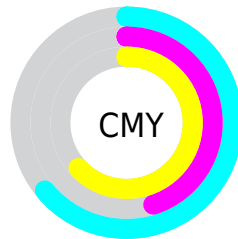
- Red (36%)
- Green (55%)
- Blue (37%)



- Red (36%)
- Yellow (55%)
- Blue (55%)



- Cyan (34%)
- Magenta (0%)
- Yellow (33%)
- Black (45%)





- Cyan (64%)
- Magenta (45%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.2031, 0.3063, 0.4223 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 22.2031, 0.3063, 0.4223 by changing the saturation by 10% instead.


 22.2031, 0.3063,
0.4223


 22.2031, 0.3063,
0.4223


263.6051, 0.3112,
0.3675


 14.0062, 0.3041,
0.4396


 47.0814, 0.3087,
0.4000

 8.1250, 0.3004,
0.4645


 64.5317, 0.3094,
0.3924

 4.1750, 0.2933,
0.5033

 85.8352, 0.3099,
0.3862

 1.7719, 0.2886,
0.5934

 111.3763, 0.3103,
0.3812

 0.4696, 0.0000,
1.0000

141.5395, 0.3106,
0.3769

 0.0000, 0.0000,
0.0000

176.7091, 0.3109,

0.3733

217.2695, 0.3111,
0.3702

■ 22.2031, 0.3063,
0.4223

■ 22.2031, 0.3063,
0.4223

■ 21.3103, 0.3043,
0.4553

■ 23.2760, 0.3083,
0.3914

■ 20.5851, 0.3025,
0.4890

■ 24.5351, 0.3102,
0.3633

■ 20.0179, 0.3010,
0.5216

■ 25.9898, 0.3120,
0.3383


■ 19.5969, 0.2999,
0.5506

■ 27.6477, 0.3137,
0.3163

■ 19.3087, 0.2993,
0.5739


■ 29.5164, 0.3152,
0.2973

 19.1369, 0.2993,
0.5898

 31.6029, 0.3166,
0.2808

 19.0642, 0.2990,
0.5963

 33.9138, 0.3178,
0.2666

 36.4556, 0.3189,
0.2544

 39.2345, 0.3199,
0.2439

Harmonies

Analogous

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



22.2031, 0.3630, 0.4350



22.2031, 0.3063, 0.4223



22.2031, 0.2541, 0.3752

Triad

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



22.2031, 0.3063, 0.4223



22.2031, 0.2215, 0.2421



22.2031, 0.4150, 0.3290

Complementary

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



22.2031, 0.3063, 0.4223



15.3518, 0.3193, 0.2506

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.



22.2031, 0.3698, 0.2869



22.2031, 0.3063, 0.4223



22.2031, 0.2570, 0.2387

Square

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



22.2031, 0.3063, 0.4223



22.2031, 0.2085, 0.2679



22.2031, 0.3105, 0.2549



22.2031, 0.4290, 0.3742

Rectangle

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



22.2031, 0.3063, 0.4223



22.2031, 0.2285, 0.3351



22.2031, 0.3105, 0.2549



22.2031, 0.4028, 0.3143

Sweetspot

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



22.2040, 0.3063, 0.4223



44.8941, 0.3109, 0.3533



25.3649, 0.3603, 0.4114



9.9574, 0.3107, 0.3564



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



22.2040, 0.3063, 0.4223



38.4829, 0.3048, 0.4480



22.6995, 0.2851, 0.3731



6.0329, 0.3111, 0.3507



17.3824, 0.2989, 0.5961



0.1668, 0.2938, 0.5778

Inverse Universe

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



15.3518, 0.3193, 0.2506



24.2461, 0.3209, 0.2333



14.7357, 0.3534, 0.2890



5.5071, 0.3143, 0.3082



6.7590, 0.3316, 0.1600



0.0654, 0.3258, 0.1568

Previews

White Background



This preview shows how the Yxy color 22.2031, 0.3063, 0.4223 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 22.2031, 0.3063, 0.4223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

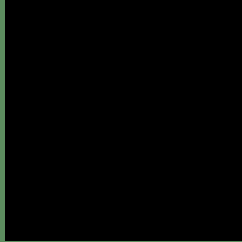
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.2031, 0.3063, 0.4223

Background



This preview shows how black text looks on a background with the Yxy color 22.2031, 0.3063, 0.4223.



This preview shows how white text looks on a background with the Yxy color 22.2031, 0.3063, 0.4223.

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

22.2031, 0.3063, 0.4223

Protanopia

22.0141, 0.3705, 0.3976

Deuteranopia

21.9916, 0.3781, 0.3711



Tritanopia

22.2558, 0.2702, 0.3105

Trichromacy



Original Color

22.2031, 0.3063, 0.4223

Protanomaly

21.7587, 0.3449, 0.4060

Deuteranomaly

21.6724, 0.3495, 0.3875

Tritanomaly

22.0763, 0.2827, 0.3482

Monochromacy



Original Color

22.2031, 0.3063, 0.4223

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

19.9877, 0.3101, 0.3603

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.2031, 0.3063, 0.4223 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(93, 141, 95)` looks like.

```
.text, #text, p{  
    color:rgb(93, 141, 95)  
}
```

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(93, 141, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 141, 95) }
```

Border

The CSS property to change the border of an element to Yxy 22.2031, 0.3063, 0.4223 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(93, 141, 95) }
```

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

```
.border{ border-color:rgb(93, 141, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 141, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 141, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 141, 95);  
box-shadow:4px 4px 4px 4px rgb(93, 141,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 22.2031, 0.3063, 0.4223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 141, 95) }
```

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

```
.background{ background-color: rgb(93, 141,  
95) }
```

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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