

Converting Colors

$Y_{xy}(22.9298, 0.3006, 0.3895)$

Have a look what the booklet for
Yxy(22.9298, 0.3006, 0.3895)
contains.

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Color

$Y_{xy}(22.9422, 0.3006, 0.3895)$

Conversions

Conversions Part 1

Format	Color
Hex	658D6E
RGB	101, 141, 110
RGB Percent	40%, 55%, 43%
CMY	0.6040, 0.4470, 0.5685
CMYK	0.28, 0.00, 0.22, 0.45
HSL	134°, 17%, 47%
HSV	134°, 28%, 55%
XYZ	17.7058, 22.9422, 18.2536
YIQ	125.5060, -13.8890, -18.1210

Conversions

Conversions Part 2

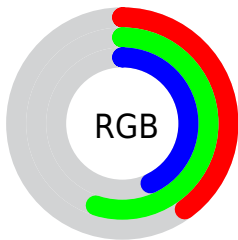
Format	Color
R_{YB}	101, 134, 141
Decimal	6655342
CIE _{Lab}	55.01, -20.53, 12.16
CIE _{LCh}	55, 23.860, 149.369
Yxy	22.9422, 0.3006, 0.3895
Android (android.graphics.Color)	4284845422 (0xFF658D6E)
YUV	125.5060, -7.6445, -21.4918
Hunter-Lab	47.8980, -17.8377, 10.9336

Details

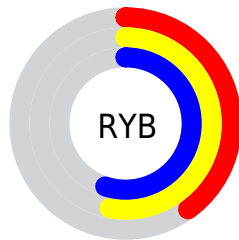
The Yxy color $22.9422, 0.3006, 0.3895$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $16.6325, 0.3277, 0.2753$, and the grayscale version is $20.7176, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.4112, 0.3036, 0.3751$, and $8.5600, 0.2943, 0.4180$ is the 20% darker color. If you saturate the color by 10%, you get $21.9746, 0.2967, 0.4152$, and if you desaturate by 10%, it is $24.0806, 0.3048, 0.3660$.

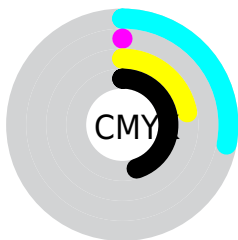
Distribution



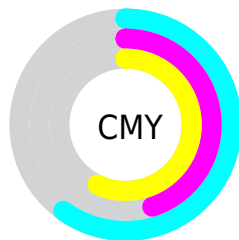
- Red (40%)
- Green (55%)
- Blue (43%)



- Red (40%)
- Yellow (53%)
- Blue (55%)



- Cyan (28%)
- Magenta (0%)
- Yellow (22%)
- Black (45%)





- Cyan (60%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9422, 0.3006, 0.3895 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 22.9422, 0.3006, 0.3895 by changing the saturation by 10% instead.


 22.9422, 0.3006,
0.3895


 22.9422, 0.3006,
0.3895

267.4280, 0.3080,
0.3545


 14.5508, 0.2981,
0.4003


 48.2984, 0.3037,
0.3754


 8.5048, 0.2945,
0.4158


 66.0320, 0.3047,
0.3706

 4.4196, 0.2885,
0.4396

 87.6485, 0.3055,
0.3666

 1.9109, 0.2773,
0.4811

 113.5323, 0.3062,
0.3634

 0.5549, 0.0452,
0.9548

144.0677, 0.3067,
0.3606

 0.0000, 0.0000,
0.0000

179.6392, 0.3072,

0.3583

220.6312, 0.3076,
0.3563

■ 22.9422, 0.3006,
0.3895

■ 22.9422, 0.3006,
0.3895

■ 21.9746, 0.2967,
0.4152

■ 24.0806, 0.3048,
0.3660

■ 21.1669, 0.2934,
0.4427

■ 25.3947, 0.3091,
0.3449

■ 20.5109, 0.2908,
0.4711

■ 26.8924, 0.3134,
0.3261

■ 19.9971, 0.2893,
0.4994

■ 28.5807, 0.3176,
0.3097

■ 19.6145, 0.2890,
0.5262

■ 30.4658, 0.3216,
0.2953

■ 19.3504, 0.2901,
0.5498

■ 32.5540, 0.3253,
0.2827

■ 19.1790, 0.2920,
0.5694

■ 34.8510, 0.3289,
0.2718

■ 19.1545, 0.2923,
0.5722

■ 37.3625, 0.3322,
0.2623

■ 40.0938, 0.3353,
0.2541

Harmonies

Analogous

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



22.9422, 0.3425, 0.4051



22.9422, 0.3006, 0.3895



22.9422, 0.2636, 0.3537

Triad

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



22.9422, 0.3006, 0.3895



22.9422, 0.2491, 0.2628



22.9422, 0.3907, 0.3375

Complementary

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



22.9422, 0.3006, 0.3895



16.6325, 0.3277, 0.2753

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.



22.9422, 0.3623, 0.3043



22.9422, 0.3006, 0.3895



22.9422, 0.2794, 0.2627

Square

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



22.9422, 0.3006, 0.3895



22.9422, 0.2354, 0.2797



22.9422, 0.3207, 0.2777



22.9422, 0.3962, 0.3709

Rectangle

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



22.9422, 0.3006, 0.3895



22.9422, 0.2462, 0.3258



22.9422, 0.3207, 0.2777



22.9422, 0.3834, 0.3260

Sweetspot

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



22.9432, 0.3006, 0.3895



45.2718, 0.3088, 0.3465



24.9228, 0.3439, 0.3997



10.0400, 0.3082, 0.3491



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.



22.9432, 0.3006, 0.3895



39.9498, 0.2981, 0.4056



23.4196, 0.2827, 0.3504



6.0481, 0.3088, 0.3465



17.4663, 0.2921, 0.5716



0.1699, 0.2722, 0.4997

Inverse Universe

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



16.6325, 0.3277, 0.2753



26.7419, 0.3319, 0.2631



16.1446, 0.3554, 0.3088



5.4905, 0.3169, 0.3121



6.1755, 0.3859, 0.1899



0.0623, 0.3504, 0.1704

Previews

White Background



This preview shows how the Yxy color 22.9422, 0.3006, 0.3895 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 22.9422, 0.3006, 0.3895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

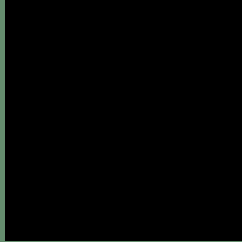
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9422, 0.3006, 0.3895

Background



This preview shows how black text looks on a background with the Yxy color 22.9422, 0.3006, 0.3895.



This preview shows how white text looks on a background with the Yxy color 22.9422, 0.3006, 0.3895.

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

22.9422, 0.3006, 0.3895

Protanopia

22.7415, 0.3512, 0.3747

Deuteranopia

22.5980, 0.3575, 0.3510



Tritanopia

22.9030, 0.2733, 0.3090

Trichromacy



Original Color

22.9422, 0.3006, 0.3895

Protanomaly

22.7495, 0.3308, 0.3805

Deuteranomaly

22.3080, 0.3347, 0.3632

Tritanomaly

22.9014, 0.2823, 0.3364

Monochromacy



Original Color

22.9422, 0.3006, 0.3895

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

21.3706, 0.3083, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9422, 0.3006, 0.3895 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(101, 141, 110)` looks like.

```
.text, #text, p{  
    color:rgb(101, 141, 110)  
}
```

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(101, 141, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 141, 110) }
```

Border

The CSS property to change the border of an element to Yxy 22.9422, 0.3006, 0.3895 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(101, 141, 110) }
```

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

```
.border{ border-color:rgb(101, 141, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 141, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 141, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 141, 110);  
box-shadow:4px 4px 4px 4px rgb(101, 141,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9422, 0.3006, 0.3895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 141, 110) }
```

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

```
.background{ background-color: rgb(101,  
141, 110) }
```

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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