

Converting Colors

$Y_{xy}(20.9631, 0.3335, 0.4028)$

Have a look what the booklet for
Yxy(20.9631, 0.3335, 0.4028)
contains.

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Color

$Yxy(20.9555, 0.3334, 0.4029)$

Conversions

Conversions Part 1

Format	Color
Hex	73845E
RGB	115, 132, 94
RGB Percent	45%, 52%, 37%
CMY	0.5490, 0.4823, 0.6315
CMYK	0.13, 0.00, 0.29, 0.48
HSL	87°, 17%, 44%
HSV	87°, 29%, 52%
XYZ	17.3407, 20.9555, 13.7155
YIQ	122.5850, 2.0660, -15.4220

Conversions

Conversions Part 2

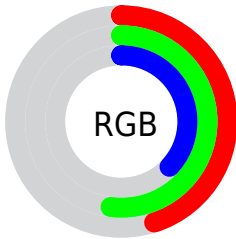
Format	Color
R_{YB}	94, 132, 111
Decimal	7570526
CIE _{Lab}	52.90, -13.40, 18.54
CIE _{LCh}	53, 22.876, 125.869
Yxy	20.9555, 0.3334, 0.4029
Android (android.graphics.Color)	4285760606 (0xFF73845E)
YUV	122.5850, -14.0924, -6.6520
Hunter-Lab	45.7772, -12.4931, 14.2799

Details

The Yxy color $20.9555, 0.3334, 0.4029$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.0467, 0.2867, 0.2541$, and the grayscale version is $19.7099, 0.3127, 0.3290$.

A 20% lighter version of the original color is $44.9577, 0.3287, 0.3849$, and $7.5500, 0.3395, 0.4379$ is the 20% darker color. If you saturate the color by 10%, you get $20.3518, 0.3398, 0.4310$, and if you desaturate by 10%, it is $21.6272, 0.3264, 0.3757$.

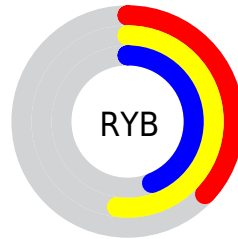
Distribution



Red (45%)

Green (52%)

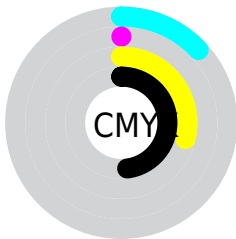
Blue (37%)



Red (37%)

Yellow (52%)

Blue (44%)

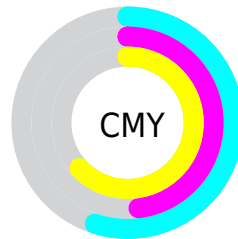


Cyan (13%)

Magenta (0%)

Yellow (29%)

Black (48%)



Cyan (55%)


Magenta (48%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.9555, 0.3334, 0.4029 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 20.9555, 0.3334, 0.4029 by changing the saturation by 10% instead.


 20.9555, 0.3334,
0.4029


 20.9555, 0.3334,
0.4029


257.0419, 0.3224,
0.3599

 13.0915, 0.3362,
0.4162


 45.0135, 0.3293,
0.3855


 7.4916, 0.3397,
0.4353


 61.9762, 0.3278,
0.3796

 3.7714, 0.3439,
0.4645

 82.7406, 0.3265,
0.3747

 1.5465, 0.3665,
0.5426

 107.6911, 0.3255,
0.3708

 0.3211, 0.0000,
1.0000

137.2121, 0.3245,
0.3674

 0.0000, 0.0000,
0.0000

171.6880, 0.3237,

0.3646

211.5031, 0.3230,
0.3621

■ 20.9555, 0.3334,
0.4029

■ 20.9555, 0.3334,
0.4029

■ 20.3518, 0.3398,
0.4310

■ 21.6272, 0.3264,
0.3757

■ 19.8109, 0.3453,
0.4591

■ 22.3665, 0.3191,
0.3501

■ 19.3309, 0.3493,
0.4863

■ 23.1766, 0.3119,
0.3263

■ 18.9087, 0.3516,
0.5111

■ 24.0597, 0.3047,
0.3044

■ 18.5413, 0.3518,
0.5325

■ 25.0177, 0.2979,
0.2846

■ 18.2246, 0.3498,
0.5492

■ 26.0527, 0.2915,
0.2667

■ 17.9500, 0.3463,
0.5621

■ 27.1664, 0.2854,
0.2507

■ 17.9189, 0.3459,
0.5636

■ 28.3607, 0.2797,
0.2363

■ 29.6373, 0.2745,
0.2234

Harmonies

Analogous

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



20.9555, 0.3708, 0.3994



20.9555, 0.3334, 0.4029



20.9555, 0.2921, 0.3824

Triad

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



20.9555, 0.3334, 0.4029



20.9555, 0.2377, 0.2752



20.9555, 0.3693, 0.3113

Complementary

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



20.9555, 0.3334, 0.4029



13.0467, 0.2867, 0.2541

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.



20.9555, 0.3299, 0.2831



20.9555, 0.3334, 0.4029



20.9555, 0.2551, 0.2621

Square

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



20.9555, 0.3334, 0.4029



20.9555, 0.2385, 0.3045



20.9555, 0.2880, 0.2654



20.9555, 0.3930, 0.3448

Rectangle

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



20.9555, 0.3334, 0.4029



20.9555, 0.2678, 0.3582



20.9555, 0.2880, 0.2654



20.9555, 0.3573, 0.3011

Sweetspot

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



20.9564, 0.3334, 0.4029



39.3412, 0.3194, 0.3511



16.9646, 0.3645, 0.3603



9.1194, 0.3203, 0.3542



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



20.9564, 0.3334, 0.4029



36.1565, 0.3380, 0.4224



19.8266, 0.3118, 0.4080



5.3221, 0.3194, 0.3509



17.3516, 0.3460, 0.5635



0.0645, 0.3782, 0.5379

Inverse Universe

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



13.0467, 0.2867, 0.2541



19.7012, 0.2788, 0.2340



14.3720, 0.3124, 0.2596



4.6389, 0.3056, 0.3070



2.5178, 0.1954, 0.0850



0.0129, 0.2447, 0.1122

Previews

White Background



This preview shows how the Yxy color 20.9555, 0.3334, 0.4029 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 20.9555, 0.3334, 0.4029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

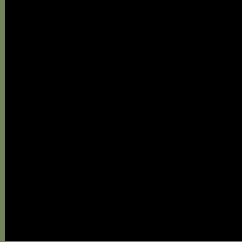
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.9555, 0.3334, 0.4029

Background



This preview shows how black text looks on a background with the Yxy color 20.9555, 0.3334, 0.4029.



This preview shows how white text looks on a background with the Yxy color 20.9555, 0.3334, 0.4029.

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

20.9555, 0.3334, 0.4029

Protanopia

20.9113, 0.3658, 0.3922

Deuteranopia

20.8152, 0.3783, 0.3721



Tritanopia

21.0498, 0.2952, 0.3109

Trichromacy



Original Color

20.9555, 0.3334, 0.4029

Protanomaly

20.8002, 0.3533, 0.3961

Deuteranomaly

20.7277, 0.3616, 0.3833

Tritanomaly

21.0029, 0.3097, 0.3440

Monochromacy



Original Color

20.9555, 0.3334, 0.4029

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

20.0846, 0.3211, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.9555, 0.3334, 0.4029 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(115, 132, 94)` looks like.

```
.text, #text, p{  
    color:rgb(115, 132, 94)  
}
```

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(115, 132, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 132, 94) }
```

Border

The CSS property to change the border of an element to Yxy 20.9555, 0.3334, 0.4029 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(115, 132, 94) }
```

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

```
.border{ border-color:rgb(115, 132, 94) }
```

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

Here you see how a box with a 4 pixel rgb(115, 132, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 132, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 132, 94);  
box-shadow:4px 4px 4px 4px rgb(115, 132,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 20.9555, 0.3334, 0.4029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 132, 94) }
```

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

```
.background{ background-color: rgb(115,  
132, 94) }
```

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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