

Converting Colors

$Yxy(20.0084, 0.3379, 0.4089)$

Have a look what the booklet for
Yxy(20.0084, 0.3379, 0.4089)
contains.

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Color

Yxy(19.9325, 0.3372, 0.4082)

Conversions

Conversions Part 1

Format	Color
Hex	718159
RGB	113, 129, 89
RGB Percent	44%, 51%, 35%
CMY	0.5568, 0.4941, 0.6509
CMYK	0.12, 0.00, 0.31, 0.49
HSL	84°, 18%, 43%
HSV	84°, 31%, 51%
XYZ	16.4656, 19.9325, 12.4322
YIQ	119.6560, 3.3040, -15.8320

Conversions

Conversions Part 2

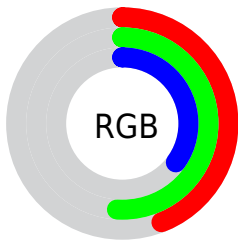
Format	Color
R_{YB}	89, 129, 105
Decimal	7438681
CIE _{Lab}	51.76, -13.34, 19.80
CIE _{LCh}	52, 23.878, 123.973
Yxy	19.9325, 0.3372, 0.4082
Android (android.graphics.Color)	4285628761 (0xFF718159)
YUV	119.6560, -15.1134, -5.8373
Hunter-Lab	44.6458, -12.2987, 14.7421

Details

The Yxy color **19.9325, 0.3372, 0.4082** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.7334, 0.2817, 0.2474**, and the grayscale version is **18.7167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.3193, 0.3323, 0.3900**, and **7.0017, 0.3436, 0.4439** is the 20% darker color. If you saturate the color by 10%, you get **19.4030, 0.3442, 0.4358**, and if you desaturate by 10%, it is **20.5212, 0.3295, 0.3812**.

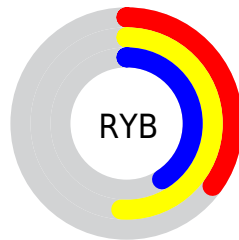
Distribution



Red (44%)

Green (51%)

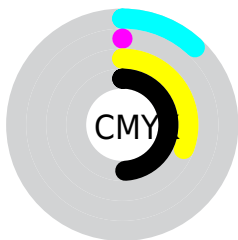
Blue (35%)



Red (35%)

Yellow (51%)

Blue (41%)

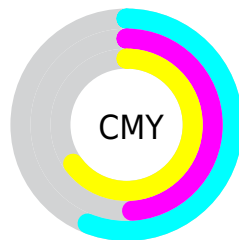


Cyan (12%)

Magenta (0%)

Yellow (31%)

Black (49%)



Cyan (56%)


Magenta (49%)


Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.9325, 0.3372, 0.4082 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 19.9325, 0.3372, 0.4082 by changing the saturation by 10% instead.


 19.9325, 0.3372,
0.4082

 19.9325, 0.3372,
0.4082


251.5495, 0.3241,
0.3619


 12.3460, 0.3406,
0.4227


 43.3040, 0.3323,
0.3894


 6.9798, 0.3448,
0.4436


 59.8578, 0.3305,
0.3829


 3.4495, 0.3498,
0.4757

 80.1694, 0.3290,
0.3777

 1.3706, 0.3943,
0.5914

 104.6233, 0.3277,
0.3734

 0.1949, 0.0000,
1.0000

 133.6039, 0.3266,
0.3698

 0.0000, 0.0000,
0.0000

167.4955, 0.3256,

0.3668

206.6825, 0.3248,
0.3641

■ 19.9325, 0.3372,
0.4082

■ 19.9325, 0.3372,
0.4082

■ 19.4030, 0.3442,
0.4358

■ 20.5212, 0.3295,
0.3812

■ 18.9277, 0.3502,
0.4631

■ 21.1685, 0.3215,
0.3554

■ 18.5050, 0.3547,
0.4890

■ 21.8775, 0.3135,
0.3313

■ 18.1322, 0.3572,
0.5123

■ 22.6499, 0.3057,
0.3090

■ 17.8063, 0.3577,
0.5319

■ 23.4876, 0.2981,
0.2887

■ 17.5236, 0.3558,
0.5469

■ 24.3924, 0.2910,
0.2703

■ 17.2968, 0.3531,
0.5579

■ 25.3659, 0.2843,
0.2536

■ 26.4098, 0.2780,
0.2387

■ 27.5255, 0.2723,
0.2253

Harmonies

Analogous

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



19.9325, 0.3762, 0.4026



19.9325, 0.3372, 0.4082



19.9325, 0.2933, 0.3880

Triad

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



19.9325, 0.3372, 0.4082



19.9325, 0.2329, 0.2734



19.9325, 0.3705, 0.3081

Complementary

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



19.9325, 0.3372, 0.4082



11.7334, 0.2817, 0.2474

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.



19.9325, 0.3280, 0.2790



19.9325, 0.3372, 0.4082



19.9325, 0.2500, 0.2586

Square

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



19.9325, 0.3372, 0.4082



19.9325, 0.2350, 0.3052



19.9325, 0.2839, 0.2612



19.9325, 0.3971, 0.3432

Rectangle

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



19.9325, 0.3372, 0.4082



19.9325, 0.2673, 0.3627



19.9325, 0.2839, 0.2612



19.9325, 0.3574, 0.2974

Sweetspot

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



19.9334, 0.3372, 0.4082



38.1285, 0.3201, 0.3510



15.3571, 0.3703, 0.3590



8.5957, 0.3211, 0.3541



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



19.9334, 0.3372, 0.4082



35.0345, 0.3421, 0.4271



18.7838, 0.3139, 0.4142



4.9364, 0.3200, 0.3507



16.8676, 0.3531, 0.5578



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.7334, 0.2817, 0.2474



17.9705, 0.2731, 0.2272



13.0409, 0.3093, 0.2538



4.2890, 0.3050, 0.3071



2.2477, 0.1874, 0.0806



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.9325, 0.3372, 0.4082 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 19.9325, 0.3372, 0.4082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

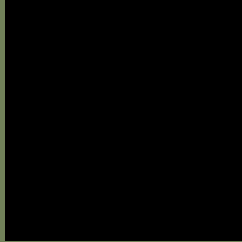
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

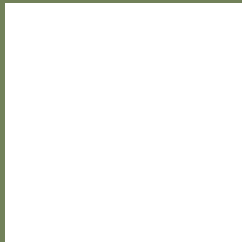
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.9325, 0.3372, 0.4082

Background



This preview shows how black text looks on a background with the Yxy color 19.9325, 0.3372, 0.4082.



This preview shows how white text looks on a background with the Yxy color 19.9325, 0.3372, 0.4082.

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

19.9325, 0.3372, 0.4082

Protanopia

19.8243, 0.3693, 0.3971

Deuteranopia

19.7319, 0.3823, 0.3764



Tritanopia

19.7813, 0.2970, 0.3105

Trichromacy



Original Color

19.9325, 0.3372, 0.4082

Protanomaly

19.7910, 0.3578, 0.4010

Deuteranomaly

19.6438, 0.3651, 0.3881

Tritanomaly

19.7335, 0.3120, 0.3443

Monochromacy



Original Color

19.9325, 0.3372, 0.4082

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

19.0520, 0.3213, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9325, 0.3372, 0.4082 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(113, 129, 89)` looks like.

```
.text, #text, p{  
    color:rgb(113, 129, 89)  
}
```

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(113, 129, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 129, 89) }
```

Border

The CSS property to change the border of an element to Yxy 19.9325, 0.3372, 0.4082 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(113, 129, 89) }
```

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

```
.border{ border-color:rgb(113, 129, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 129, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 129, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 129, 89);  
box-shadow:4px 4px 4px 4px rgb(113, 129,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9325, 0.3372, 0.4082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 129, 89) }
```

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

```
.background{ background-color: rgb(113,  
129, 89) }
```

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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