

Converting Colors

$Yxy(16.9503, 0.3971, 0.3508)$

Have a look what the booklet for
Yxy(16.9503, 0.3971, 0.3508)
contains.

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Color

Yxy(17.0455, 0.3969, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	95685B
RGB	149, 104, 91
RGB Percent	58%, 41%, 36%
CMY	0.4158, 0.5921, 0.6431
CMYK	0.00, 0.30, 0.39, 0.42
HSL	13°, 24%, 47%
HSV	13°, 39%, 58%
XYZ	19.2307, 17.0455, 12.1760
YIQ	115.9730, 30.9930, 5.4970

Conversions

Conversions Part 2

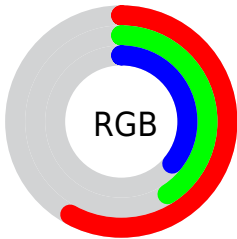
Format	Color
R_{YB}	149, 108, 91
Decimal	9791579
CIE _{Lab}	48.32, 16.30, 14.54
CIE _{LCh}	48, 21.842, 41.722
Yxy	17.0455, 0.3969, 0.3518
Android (android.graphics.Color)	4287981659 (0xFF95685B)
YUV	115.9730, -12.3117, 28.9647
Hunter-Lab	41.2862, 10.8927, 11.4146

Details

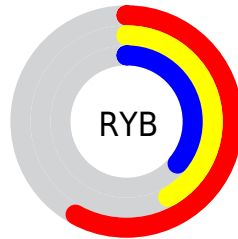
The Yxy color **17.0455, 0.3969, 0.3518** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.9960, 0.2567, 0.3045**, and the grayscale version is **17.4881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2031, 0.3766, 0.3472**, and **5.6025, 0.4342, 0.3598** is the 20% darker color. If you saturate the color by 10%, you get **14.6446, 0.4288, 0.3575**, and if you desaturate by 10%, it is **19.8180, 0.3696, 0.3457**.

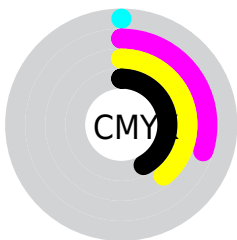
Distribution



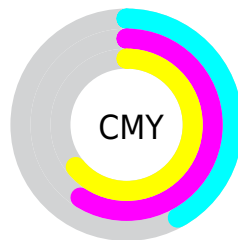
- Red (58%)
- Green (41%)
- Blue (36%)



- Red (58%)
- Yellow (42%)
- Blue (36%)



- Cyan (0%)
- Magenta (30%)
- Yellow (39%)
- Black (42%)



- Cyan (42%)
- Magenta (59%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0455, 0.3969, 0.3518 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 17.0455, 0.3969, 0.3518 by changing the saturation by 10% instead.


 17.0455, 0.3969,
0.3518


 17.0455, 0.3969,
0.3518


235.4344, 0.3474,
0.3399


 10.2669, 0.4125,
0.3547


 38.4040, 0.3767,
0.3475


 5.5763, 0.4350,
0.3580

 53.7527, 0.3698,
0.3458

 2.5892, 0.4699,
0.3613

 72.7269, 0.3643,
0.3444

 0.9212, 0.5946,
0.4054

 95.7110, 0.3597,
0.3433

 0.0000, 1.0000,
0.0000

123.0895, 0.3559,
0.3422

 0.0000, 0.0000,
0.0000

155.2466, 0.3526,

0.3414

192.5668, 0.3498,
0.3406

■ 17.0455, 0.3969,
0.3518

■ 17.0455, 0.3969,
0.3518

■ 14.6446, 0.4288,
0.3575

■ 19.8180, 0.3696,
0.3457

■ 12.5969, 0.4648,
0.3620

■ 22.9745, 0.3465,
0.3397

■ 10.8860, 0.5038,
0.3647


■ 26.5300, 0.3272,
0.3339

■ 9.4935, 0.5430,
0.3644


■ 30.4979, 0.3111,
0.3284

■ 8.3987, 0.5784,
0.3605

■ 34.8909, 0.2977,
0.3234


 7.5742, 0.6074,
0.3541

 39.7212, 0.2864,
0.3188

 7.4987, 0.6104,
0.3535

 45.0004, 0.2769,
0.3147

 50.7400, 0.2689,
0.3109

 56.9506, 0.2621,
0.3074

Harmonies

Analogous

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



17.0455, 0.3770, 0.3173



17.0455, 0.3969, 0.3518



17.0455, 0.3922, 0.3835

Triad

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



17.0455, 0.3969, 0.3518



17.0455, 0.2838, 0.3771



17.0455, 0.2593, 0.2601

Complementary

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



17.0455, 0.3969, 0.3518



21.9960, 0.2567, 0.3045

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.



17.0455, 0.2381, 0.2701



17.0455, 0.3969, 0.3518



17.0455, 0.2514, 0.3365

Square

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



17.0455, 0.3969, 0.3518



17.0455, 0.3255, 0.4025



17.0455, 0.2353, 0.2969



17.0455, 0.2954, 0.2666

Rectangle

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



17.0455, 0.3969, 0.3518



17.0455, 0.3763, 0.3988



17.0455, 0.2353, 0.2969



17.0455, 0.2503, 0.2615

Sweetspot

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



17.0463, 0.3969, 0.3518



45.3225, 0.3332, 0.3358



15.6611, 0.3342, 0.2540



9.8815, 0.3354, 0.3364



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



17.0463, 0.3969, 0.3518



26.6182, 0.4255, 0.3569



23.7967, 0.3786, 0.3986



6.0139, 0.3277, 0.3340



6.3517, 0.6093, 0.3544



0.1155, 0.5403, 0.4092

Inverse Universe

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



21.9960, 0.2567, 0.3045



36.7818, 0.2453, 0.2978



15.0002, 0.2483, 0.2477



6.3438, 0.2990, 0.3239



12.3030, 0.2047, 0.2569



0.1941, 0.2152, 0.2947

Previews

White Background



This preview shows how the Yxy color 17.0455, 0.3969, 0.3518 looks on a white 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

Black Background



This preview shows how the Yxy color 17.0455, 0.3969, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

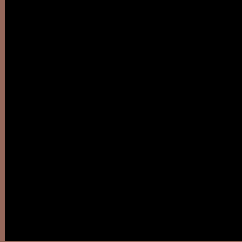
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0455, 0.3969, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 17.0455, 0.3969, 0.3518.



This preview shows how white text looks on a background with the Yxy color 17.0455, 0.3969, 0.3518.

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

17.0455, 0.3969, 0.3518

Protanopia

17.1709, 0.3444, 0.3667

Deuteranopia

17.0409, 0.3745, 0.3665



Tritanopia

16.9908, 0.3747, 0.3155

Trichromacy



Original Color

17.0455, 0.3969, 0.3518

Protanomaly

17.0023, 0.3628, 0.3614

Deuteranomaly

17.0388, 0.3829, 0.3620

Tritanomaly

16.9461, 0.3832, 0.3292

Monochromacy



Original Color

17.0455, 0.3969, 0.3518

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.2391, 0.3408, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0455, 0.3969, 0.3518 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(149, 104, 91)` looks like.

```
.text, #text, p{  
    color:rgb(149, 104, 91)  
}
```

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(149, 104, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 104, 91) }
```

Border

The CSS property to change the border of an element to Yxy 17.0455, 0.3969, 0.3518 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(149, 104, 91) }
```

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

```
.border{ border-color:rgb(149, 104, 91) }
```

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

Here you see how a box with a 4 pixel rgb(149, 104, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 104, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 104, 91);  
box-shadow:4px 4px 4px 4px rgb(149, 104,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0455, 0.3969, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 104, 91) }
```

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

```
.background{ background-color: rgb(149,  
104, 91) }
```

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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