

Converting Colors

$Y_{xy}(17.4714, 0.3998, 0.3708)$

Have a look what the booklet for
Yxy(17.4714, 0.3998, 0.3708)
contains.

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Color

Yxy(17.4762, 0.3998, 0.3713)

Conversions

Conversions Part 1

Format	Color
Hex	926C54
RGB	146, 108, 84
RGB Percent	57%, 42%, 33%
CMY	0.4275, 0.5765, 0.6705
CMYK	0.00, 0.26, 0.42, 0.43
HSL	23°, 27%, 45%
HSV	23°, 42%, 57%
XYZ	18.8176, 17.4762, 10.7738
YIQ	116.6260, 30.3520, 0.5920

Conversions

Conversions Part 2

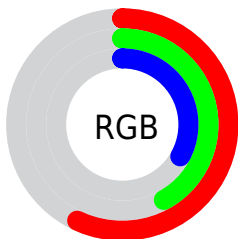
Format	Color
R_{YB}	146, 123, 84
Decimal	9595988
CIE Lab	48.85, 11.87, 19.31
CIE LCh	49, 22.669, 58.425
Yxy	17.4762, 0.3998, 0.3713
Android (android.graphics.Color)	4287786068 (0xFF926C54)
YUV	116.6260, -16.0846, 25.7610
Hunter-Lab	41.8045, 7.1909, 13.9831

Details

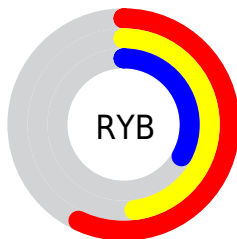
The Yxy color **17.4762, 0.3998, 0.3713** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.8859, 0.2489, 0.2816**, and the grayscale version is **17.7120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.9350, 0.3789, 0.3617**, and **5.7579, 0.4387, 0.3829** is the 20% darker color. If you saturate the color by 10%, you get **15.4792, 0.4282, 0.3807**, and if you desaturate by 10%, it is **19.7164, 0.3744, 0.3611**.

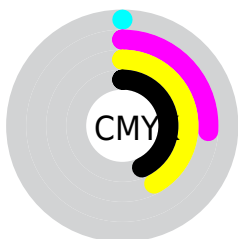
Distribution



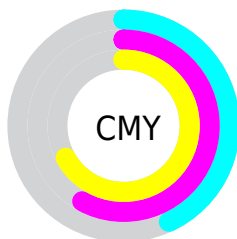
- Red (57%)
- Green (42%)
- Blue (33%)



- Red (57%)
- Yellow (48%)
- Blue (33%)



- Cyan (0%)
- Magenta (26%)
- Yellow (42%)
- Black (43%)




- Cyan (43%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.4762, 0.3998, 0.3713 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 17.4762, 0.3998, 0.3713 by changing the saturation by 10% instead.


 17.4762, 0.3998,
0.3713


 17.4762, 0.3998,
0.3713


237.9018, 0.3490,
0.3483


 10.5746, 0.4155,
0.3774


 39.1427, 0.3793,
0.3626


 5.7816, 0.4377,
0.3852

 54.6764, 0.3722,
0.3594


 2.7127, 0.4712,
0.3946

 73.8563, 0.3665,
0.3567

 0.9837, 0.5657,
0.4343

 97.0667, 0.3618,
0.3545

 0.0000, 1.0000,
0.0000

 124.6921, 0.3578,
0.3526

 0.0000, 0.0000,
0.0000

157.1168, 0.3544,

0.3510

194.7253, 0.3515,
0.3495

■ 17.4762, 0.3998,
0.3713

■ 17.4762, 0.3998,
0.3713

■ 15.4792, 0.4282,
0.3807

■ 19.7164, 0.3744,
0.3611

■ 13.7142, 0.4590,
0.3885

■ 22.2057, 0.3522,
0.3508

■ 12.1726, 0.4910,
0.3934

■ 24.9528, 0.3330,
0.3408

■ 10.8440, 0.5224,
0.3943

■ 27.9652, 0.3164,
0.3312

■ 9.7174, 0.5506,
0.3904

■ 31.2500, 0.3022,
0.3224

■ 8.9866, 0.5702,
0.3855

■ 34.8141, 0.2900,
0.3142

■ 38.6642, 0.2795,
0.3066

■ 42.8066, 0.2704,
0.2998

■ 47.2477, 0.2626,
0.2935

Harmonies

Analogous

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



17.4762, 0.3933, 0.3365



17.4762, 0.3998, 0.3713



17.4762, 0.3814, 0.3986

Triad

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



17.4762, 0.3998, 0.3713



17.4762, 0.2626, 0.3561



17.4762, 0.2769, 0.2600

Complementary

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



17.4762, 0.3998, 0.3713



17.8859, 0.2489, 0.2816

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.



17.4762, 0.2460, 0.2605



17.4762, 0.3998, 0.3713



17.4762, 0.2381, 0.3128

Square

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



17.4762, 0.3998, 0.3713



17.4762, 0.3014, 0.3930



17.4762, 0.2324, 0.2785



17.4762, 0.3195, 0.2751

Rectangle

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



17.4762, 0.3998, 0.3713



17.4762, 0.3585, 0.4077



17.4762, 0.2324, 0.2785



17.4762, 0.2649, 0.2583

Sweetspot

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



17.4770, 0.3998, 0.3713



43.6077, 0.3344, 0.3416



13.8666, 0.3527, 0.2636



9.4783, 0.3381, 0.3435



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



17.4770, 0.3998, 0.3713



27.4457, 0.4269, 0.3804



25.1501, 0.3785, 0.4202



6.1614, 0.3273, 0.3376



7.9490, 0.5693, 0.3862



0.1515, 0.4982, 0.4426

Inverse Universe

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



17.8859, 0.2489, 0.2816



28.2443, 0.2355, 0.2687



11.4871, 0.2386, 0.2174



6.1892, 0.2989, 0.3202



8.2333, 0.1890, 0.2003



0.1581, 0.2067, 0.2641

Previews

White Background



This preview shows how the Yxy color 17.4762, 0.3998, 0.3713 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 17.4762, 0.3998, 0.3713 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 17.4762, 0.3998, 0.3713

Background



This preview shows how black text looks on a background with the Yxy color 17.4762, 0.3998, 0.3713.



This preview shows how white text looks on a background with the Yxy color 17.4762, 0.3998, 0.3713.

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

17.4762, 0.3998, 0.3713

Protanopia

17.5553, 0.3597, 0.3835

Deuteranopia

17.3967, 0.3876, 0.3804



Tritanopia

17.4600, 0.3661, 0.3154

Trichromacy



Original Color

17.4762, 0.3998, 0.3713

Protanomaly

17.4849, 0.3739, 0.3779

Deuteranomaly

17.4391, 0.3926, 0.3778

Tritanomaly

17.3584, 0.3788, 0.3344

Monochromacy



Original Color

17.4762, 0.3998, 0.3713

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.6437, 0.3428, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4762, 0.3998, 0.3713 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(146, 108, 84)` looks like.

```
.text, #text, p{  
    color:rgb(146, 108, 84)  
}
```

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(146, 108, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 108, 84) }
```

Border

The CSS property to change the border of an element to Yxy 17.4762, 0.3998, 0.3713 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(146, 108, 84) }
```

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

```
.border{ border-color:rgb(146, 108, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 108, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 108, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 108, 84);  
box-shadow:4px 4px 4px 4px rgb(146, 108,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4762, 0.3998, 0.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 108, 84) }
```

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

```
.background{ background-color: rgb(146,  
108, 84) }
```

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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