

Converting Colors

$Y_{xy}(21.1355, 0.3793, 0.3459)$

Have a look what the booklet for
Yxy(21.1355, 0.3793, 0.3459)
contains.

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Color

Yxy(21.0532, 0.3794, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	9E756B
RGB	158, 117, 107
RGB Percent	62%, 46%, 42%
CMY	0.3805, 0.5411, 0.5804
CMYK	0.00, 0.26, 0.32, 0.38
HSL	12°, 21%, 52%
HSV	12°, 32%, 62%
XYZ	23.1122, 21.0532, 16.7524
YIQ	128.1190, 27.6460, 5.5820

Conversions

Conversions Part 2

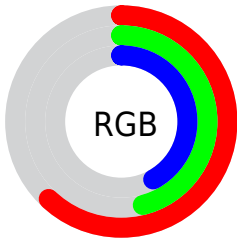
Format	Color
R _Y B	158, 119, 107
Decimal	10384747
CIE Lab	53.01, 14.64, 11.81
CIE LCh	53, 18.807, 38.898
Yxy	21.0532, 0.3794, 0.3456
Android (android.graphics.Color)	4288574827 (0xFF9E756B)
YUV	128.1190, -10.4117, 26.2056
Hunter-Lab	45.8838, 9.6161, 10.4715

Details

The Yxy color $21.0532, 0.3794, 0.3456$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $26.7590, 0.2657, 0.3116$, and the grayscale version is $21.6594, 0.3127, 0.3290$.

A 20% lighter version of the original color is $45.1407, 0.3650, 0.3426$, and $7.5857, 0.4054, 0.3507$ is the 20% darker color. If you saturate the color by 10%, you get $17.9912, 0.4091, 0.3509$, and if you desaturate by 10%, it is $24.5790, 0.3544, 0.3402$.

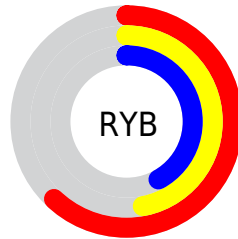
Distribution



Red (62%)

Green (46%)

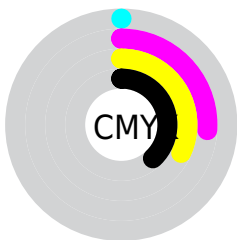
Blue (42%)



Red (62%)

Yellow (47%)

Blue (42%)

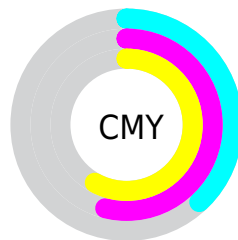


Cyan (0%)

Magenta (26%)

Yellow (32%)

Black (38%)



Cyan (38%)


Magenta (54%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0532, 0.3794, 0.3456 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 21.0532, 0.3794, 0.3456 by changing the saturation by 10% instead.


 21.0532, 0.3794,
0.3456


 21.0532, 0.3794,
0.3456


257.5611, 0.3413,
0.3371


 13.1629, 0.3909,
0.3477

 45.1761, 0.3642,
0.3425


 7.5408, 0.4070,
0.3502


 62.1774, 0.3590,
0.3413

 3.8026, 0.4313,
0.3532

 82.9845, 0.3547,
0.3403

 1.5637, 0.4732,
0.3572

 107.9819, 0.3511,
0.3395

 0.3330, 0.6693,
0.3307

137.5538, 0.3481,
0.3388

 0.0000, 0.0000,
0.0000

172.0847, 0.3455,

0.3381

211.9590, 0.3433,
0.3376

■ 21.0532, 0.3794,
0.3456

■ 21.0532, 0.3794,
0.3456

■ 17.9912, 0.4091,
0.3509

■ 24.5790, 0.3544,
0.3402

■ 15.3707, 0.4436,
0.3556

■ 28.5838, 0.3335,
0.3350

■ 13.1719, 0.4822,
0.3590


■ 33.0858, 0.3162,
0.3301

■ 11.3725, 0.5230,
0.3602


■ 38.1014, 0.3019,
0.3255


■ 9.9478, 0.5624,
0.3585

■ 43.6461, 0.2899,
0.3214


 8.8703, 0.5957,
0.3534

 49.7348, 0.2799,
0.3176

 8.2500, 0.6165,
0.3487

 56.3819, 0.2715,
0.3142

 63.6012, 0.2645,
0.3111

 71.4060, 0.2584,
0.3082

Harmonies

Analogous

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



21.0532, 0.3618, 0.3174



21.0532, 0.3794, 0.3456



21.0532, 0.3778, 0.3715

Triad

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



21.0532, 0.3794, 0.3456



21.0532, 0.2928, 0.3696



21.0532, 0.2673, 0.2731

Complementary

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



21.0532, 0.3794, 0.3456



26.7590, 0.2657, 0.3116

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.



21.0532, 0.2511, 0.2831



21.0532, 0.3794, 0.3456



21.0532, 0.2652, 0.3385

Square

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



21.0532, 0.3794, 0.3456



21.0532, 0.3267, 0.3882



21.0532, 0.2503, 0.3064



21.0532, 0.2959, 0.2770

Rectangle

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



21.0532, 0.3794, 0.3456



21.0532, 0.3664, 0.3841



21.0532, 0.2503, 0.3064



21.0532, 0.2603, 0.2749

Sweetspot

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



21.0542, 0.3794, 0.3456



53.5490, 0.3297, 0.3339



19.9385, 0.3277, 0.2640



11.8382, 0.3321, 0.3346



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



21.0542, 0.3794, 0.3456



34.0029, 0.4012, 0.3496



27.6247, 0.3673, 0.3844



6.8468, 0.3279, 0.3335



6.6558, 0.6152, 0.3497



0.1694, 0.5529, 0.3992

Inverse Universe

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



26.7590, 0.2657, 0.3116



46.0552, 0.2558, 0.3069



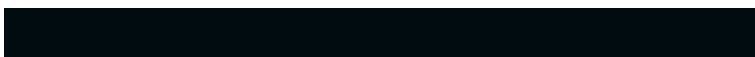
19.7929, 0.2603, 0.2665



7.2878, 0.2988, 0.3245



14.1764, 0.2073, 0.2661



0.3054, 0.2150, 0.2939

Previews

White Background



This preview shows how the Yxy color 21.0532, 0.3794, 0.3456 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 21.0532, 0.3794, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

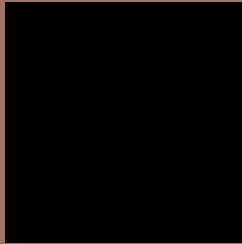
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.0532, 0.3794, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 21.0532, 0.3794, 0.3456.



This preview shows how white text looks on a background with the Yxy color 21.0532, 0.3794, 0.3456.

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

21.0532, 0.3794, 0.3456

Protanopia

21.0781, 0.3372, 0.3544

Deuteranopia

21.0707, 0.3626, 0.3568



Tritanopia

21.1651, 0.3617, 0.3163

Trichromacy



Original Color

21.0532, 0.3794, 0.3456

Protanomaly

21.0425, 0.3521, 0.3519

Deuteranomaly

20.9576, 0.3687, 0.3529

Tritanomaly

21.1461, 0.3679, 0.3275

Monochromacy



Original Color

21.0532, 0.3794, 0.3456

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.2603, 0.3358, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0532, 0.3794, 0.3456 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(158, 117, 107)` looks like.

```
.text, #text, p{  
    color:rgb(158, 117, 107)  
}
```

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(158, 117, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 117, 107) }
```

Border

The CSS property to change the border of an element to Yxy 21.0532, 0.3794, 0.3456 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(158, 117, 107) }
```

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

```
.border{ border-color:rgb(158, 117, 107) }
```

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

Here you see how a box with a 4 pixel rgb(158, 117, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 117, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 117, 107);  
box-shadow:4px 4px 4px 4px rgb(158, 117,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0532, 0.3794, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 117, 107) }
```

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

```
.background{ background-color: rgb(158,  
117, 107) }
```

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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