

Converting Colors

$Y_{xy}(21.5292, 0.3769, 0.4108)$

Have a look what the booklet for
Yxy(21.5292, 0.3769, 0.4108)
contains.

Yxy(21.4508, 0.3774, 0.4105)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.4508, 0.3774, 0.4105)

Conversions

Conversions Part 1

Format	Color
Hex	8A8052
RGB	138, 128, 82
RGB Percent	54%, 50%, 32%
CMY	0.4589, 0.4980, 0.6784
CMYK	0.00, 0.07, 0.41, 0.46
HSL	49°, 25%, 43%
HSV	49°, 41%, 54%
XYZ	19.7211, 21.4508, 11.0833
YIQ	125.7460, 20.7260, -12.1860

Conversions

Conversions Part 2

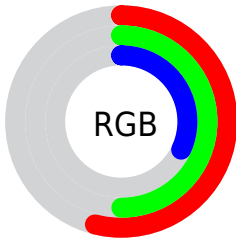
Format	Color
R_{YB}	94, 138, 82
Decimal	9076818
CIE _{Lab}	53.44, -3.30, 26.34
CIE _{LCh}	53, 26.546, 97.143
Yxy	21.4508, 0.3774, 0.4105
Android (android.graphics.Color)	4287266898 (0xFF8A8052)
YUV	125.7460, -21.5668, 10.7468
Hunter-Lab	46.3150, -5.0451, 18.2322

Details

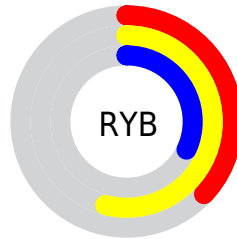
The Yxy color **21.4508, 0.3774, 0.4105** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.2778, 0.2439, 0.2313**, and the grayscale version is **20.8423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.9202, 0.3632, 0.3931**, and **7.7456, 0.4007, 0.4405** is the 20% darker color. If you saturate the color by 10%, you get **20.6289, 0.3940, 0.4294**, and if you desaturate by 10%, it is **22.3325, 0.3606, 0.3904**.

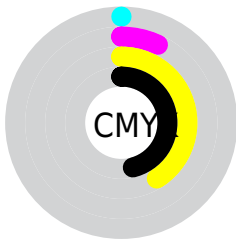
Distribution



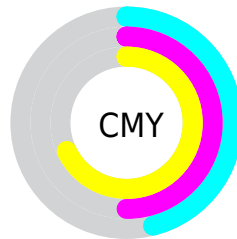
- Red (54%)
- Green (50%)
- Blue (32%)



- Red (37%)
- Yellow (54%)
- Blue (32%)



- Cyan (0%)
- Magenta (7%)
- Yellow (41%)
- Black (46%)



- Cyan (46%)
- Magenta (50%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.4508, 0.3774, 0.4105 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 21.4508, 0.3774, 0.4105 by changing the saturation by 10% instead.

■ 21.4508, 0.3774,
0.4105

■ 21.4508, 0.3774,
0.4105

■ 259.6646, 0.3417,
0.3647

■ 13.4539, 0.3872,
0.4236

■ 45.8366, 0.3637,
0.3926

■ 7.7419, 0.4002,
0.4413

■ 62.9943, 0.3587,
0.3863

■ 3.9302, 0.4175,
0.4659

■ 83.9744, 0.3546,
0.3811

■ 1.6346, 0.4676,
0.5324

■ 109.1613, 0.3512,
0.3767

■ 0.3808, 0.4249,
0.5751

■ 138.9394, 0.3483,
0.3730

■ 0.0000, 0.0000,
0.0000

173.6930, 0.3458,

0.3699

213.8066, 0.3436,
0.3671

■ 21.4508, 0.3774,
0.4105

■ 21.4508, 0.3774,
0.4105

■ 20.6289, 0.3940,
0.4294

■ 22.3325, 0.3606,
0.3904

■ 19.8611, 0.4099,
0.4461

■ 23.2734, 0.3441,
0.3699

■ 19.1455, 0.4243,
0.4598

■ 24.2769, 0.3283,
0.3497

■ 18.4787, 0.4365,
0.4697

■ 25.3449, 0.3135,
0.3301

■ 17.8571, 0.4463,
0.4754

■ 26.4796, 0.2998,
0.3115

■ 17.3020, 0.4538,
0.4779

■ 27.6829, 0.2872,
0.2941

■ 28.9564, 0.2758,
0.2779

■ 30.3021, 0.2654,
0.2630

■ 31.7216, 0.2560,
0.2494

Harmonies

Analogous

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



21.4508, 0.4046, 0.3845



21.4508, 0.3774, 0.4105



21.4508, 0.3339, 0.4144

Triad

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



21.4508, 0.3774, 0.4105



21.4508, 0.2277, 0.2985



21.4508, 0.3344, 0.2779

Complementary

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



21.4508, 0.3774, 0.4105



11.2778, 0.2439, 0.2313

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.



21.4508, 0.2860, 0.2574



21.4508, 0.3774, 0.4105



21.4508, 0.2277, 0.2661

Square

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



21.4508, 0.3774, 0.4105



21.4508, 0.2484, 0.3445



21.4508, 0.2481, 0.2526



21.4508, 0.3795, 0.3100

Rectangle

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



21.4508, 0.3774, 0.4105



21.4508, 0.3020, 0.4008



21.4508, 0.2481, 0.2526



21.4508, 0.3178, 0.2695

Sweetspot

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



21.4518, 0.3774, 0.4105



42.4985, 0.3309, 0.3531



12.2136, 0.3920, 0.3101



9.4889, 0.3326, 0.3552



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



21.4518, 0.3774, 0.4105



36.4459, 0.3932, 0.4284



22.7923, 0.3497, 0.4334



5.6960, 0.3262, 0.3468



15.8868, 0.4536, 0.4780



0.1239, 0.4349, 0.4929

Inverse Universe

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



11.2778, 0.2439, 0.2313



15.8959, 0.2258, 0.2037



10.5629, 0.2629, 0.2165



5.0271, 0.2991, 0.3105



2.3202, 0.1555, 0.0797



0.0309, 0.1725, 0.1410

Previews

White Background



This preview shows how the Yxy color 21.4508, 0.3774, 0.4105 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 21.4508, 0.3774, 0.4105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

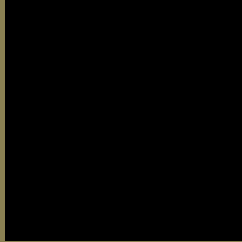
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.4508, 0.3774, 0.4105

Background



This preview shows how black text looks on a background with the Yxy color 21.4508, 0.3774, 0.4105.



This preview shows how white text looks on a background with the Yxy color 21.4508, 0.3774, 0.4105.

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

21.4508, 0.3774, 0.4105

Protanopia

21.5365, 0.3787, 0.4101

Deuteranopia

21.4136, 0.4014, 0.3934



Tritanopia

21.3974, 0.3282, 0.3137

Trichromacy



Original Color

21.4508, 0.3774, 0.4105

Protanomaly

21.5365, 0.3787, 0.4101

Deuteranomaly

21.3357, 0.3921, 0.3987

Tritanomaly

21.2703, 0.3468, 0.3484

Monochromacy



Original Color

21.4508, 0.3774, 0.4105

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

21.0504, 0.3355, 0.3602

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.4508, 0.3774, 0.4105 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(138, 128, 82)` looks like.

```
.text, #text, p{  
    color:rgb(138, 128, 82)  
}
```

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(138, 128, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 128, 82) }
```

Border

The CSS property to change the border of an element to Yxy 21.4508, 0.3774, 0.4105 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(138, 128, 82) }
```

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

```
.border{ border-color:rgb(138, 128, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 128, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 128, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 128, 82);  
box-shadow:4px 4px 4px 4px rgb(138, 128,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 21.4508, 0.3774, 0.4105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 128, 82) }
```

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

```
.background{ background-color: rgb(138,  
128, 82) }
```

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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