

Converting Colors

$Yxy(30.4319, 0.3724, 0.3518)$

Have a look what the booklet for
Yxy(30.4319, 0.3724, 0.3518)
contains.

Yxy(30.5557, 0.3719, 0.3522)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(30.5557, 0.3719, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	B48E7E
RGB	180, 142, 126
RGB Percent	71%, 56%, 49%
CMY	0.2940, 0.4432, 0.5059
CMYK	0.00, 0.21, 0.30, 0.29
HSL	18°, 26%, 60%
HSV	18°, 30%, 71%
XYZ	32.2648, 30.5557, 23.9362
YIQ	151.5380, 27.7840, 3.0800

Conversions

Conversions Part 2

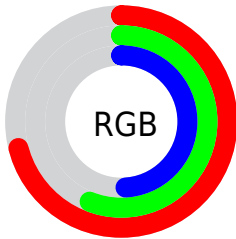
Format	Color
RYB	180, 149, 126
Decimal	11832958
CIELab	62.13, 12.02, 14.00
CIELCh	62, 18.455, 49.352
Yxy	30.5557, 0.3719, 0.3522
Android (android.graphics.Color)	4290023038 (0xFFB48E7E)
YUV	151.5380, -12.5902, 24.9612
Hunter-Lab	55.2772, 7.4537, 13.0203

Details

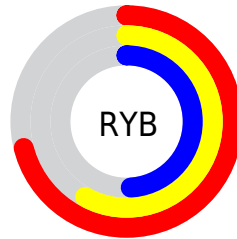
The Yxy color $30.5557, 0.3719, 0.3522$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $34.2919, 0.2674, 0.3044$, and the grayscale version is $31.2376, 0.3127, 0.3290$.

A 20% lighter version of the original color is $60.7391, 0.3597, 0.3479$, and $12.6257, 0.3920, 0.3594$ is the 20% darker color. If you saturate the color by 10%, you get $26.5747, 0.3989, 0.3602$, and if you desaturate by 10%, it is $35.0519, 0.3488, 0.3441$.

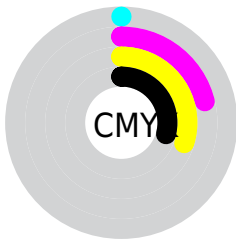
Distribution



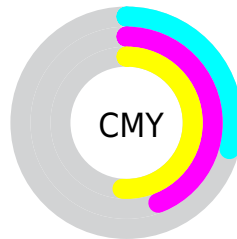
- Red (71%)
- Green (56%)
- Blue (49%)



- Red (71%)
- Yellow (58%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)
- Black (29%)





- Cyan (29%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5557, 0.3719, 0.3522 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 30.5557, 0.3719, 0.3522 by changing the saturation by 10% instead.

 30.5557, 0.3719,
0.3522


 30.5557, 0.3719,
0.3522

304.4862, 0.3400,
0.3405

 20.2608, 0.3807,
0.3551


 60.5399, 0.3597,
0.3479

 12.5847, 0.3925,
0.3588


 80.9979, 0.3553,
0.3463

 7.1432, 0.4091,
0.3635


 105.6124, 0.3517,
0.3450

 3.5518, 0.4342,
0.3696

134.7678, 0.3486,
0.3438

 1.4262, 0.4852,
0.3845

168.8485, 0.3460,
0.3428

 0.2359, 0.6870,
0.3130


208.2389, 0.3437,


 0.0000, 0.0000,

0.3419


0.0000

253.3233, 0.3417,
0.3412

 30.5557, 0.3719,
0.3522


 30.5557, 0.3719,
0.3522


 26.5747, 0.3989,
0.3602


 35.0519, 0.3488,
0.3441

 23.0858, 0.4299,
0.3677


 40.0767, 0.3292,
0.3363


 20.0705, 0.4645,
0.3737


 45.6485, 0.3127,
0.3290


 17.5073, 0.5012,
0.3772

 51.7834, 0.2988,
0.3222


 15.3730, 0.5376,
0.3771

 58.4968, 0.2871,
0.3160

 13.6419, 0.5701,
0.3724

 65.8036, 0.2771,
0.3104

 12.2797, 0.5968,
0.3643

 73.7180, 0.2687,
0.3052

 81.2484, 0.2687,
0.3162

 88.4457, 0.2701,
0.3289

Harmonies

Analogous

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



30.5557, 0.3622, 0.3276



30.5557, 0.3719, 0.3522



30.5557, 0.3648, 0.3724

Triad

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



30.5557, 0.3719, 0.3522



30.5557, 0.2862, 0.3555



30.5557, 0.2809, 0.2800

Complementary

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



30.5557, 0.3719, 0.3522



34.2919, 0.2674, 0.3044

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.



30.5557, 0.2625, 0.2847



30.5557, 0.3719, 0.3522



30.5557, 0.2654, 0.3274

Square

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



30.5557, 0.3719, 0.3522



30.5557, 0.3147, 0.3760



30.5557, 0.2569, 0.3015



30.5557, 0.3085, 0.2873

Rectangle

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



30.5557, 0.3719, 0.3522



30.5557, 0.3519, 0.3803



30.5557, 0.2569, 0.3015



30.5557, 0.2735, 0.2802

Sweetspot

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



30.5571, 0.3719, 0.3522



73.4719, 0.3277, 0.3357



27.3341, 0.3326, 0.2750



15.5814, 0.3303, 0.3368



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



30.5571, 0.3719, 0.3522



50.5197, 0.3893, 0.3576



39.3343, 0.3615, 0.3880



8.9018, 0.3280, 0.3358



8.6723, 0.5946, 0.3661



0.3770, 0.5390, 0.4102

Inverse Universe

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



34.2919, 0.2674, 0.3044



58.3650, 0.2579, 0.2982



25.8245, 0.2628, 0.2621



9.1981, 0.2986, 0.3221



12.9612, 0.1975, 0.2311



0.5033, 0.2060, 0.2616

Previews

White Background



This preview shows how the Yxy color 30.5557, 0.3719, 0.3522 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.5557, 0.3719, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

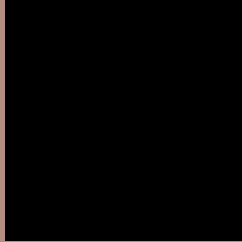
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5557, 0.3719, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 30.5557, 0.3719, 0.3522.



This preview shows how white text looks on a background with the Yxy color 30.5557, 0.3719, 0.3522.

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

30.5557, 0.3719, 0.3522

Protanopia

30.6935, 0.3406, 0.3601

Deuteranopia

30.7301, 0.3650, 0.3586



Tritanopia

30.7024, 0.3508, 0.3151

Trichromacy



Original Color

30.5557, 0.3719, 0.3522

Protanomaly

30.5594, 0.3512, 0.3563

Deuteranomaly

30.6573, 0.3677, 0.3569

Tritanomaly

30.6243, 0.3582, 0.3277

Monochromacy



Original Color

30.5557, 0.3719, 0.3522

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.8444, 0.3323, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5557, 0.3719, 0.3522 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(180, 142, 126)` looks like.

```
.text, #text, p{  
    color:rgb(180, 142, 126)  
}
```

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(180, 142, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 142, 126) }
```

Border

The CSS property to change the border of an element to Yxy 30.5557, 0.3719, 0.3522 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(180, 142, 126) }
```

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

```
.border{ border-color:rgb(180, 142, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 142, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 142, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 142, 126);  
box-shadow:4px 4px 4px 4px rgb(180, 142,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5557, 0.3719, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 142, 126) }
```

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

```
.background{ background-color: rgb(180,  
142, 126) }
```

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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