

Converting Colors

$Y_{xy}(28.1381, 0.3728, 0.3656)$

Have a look what the booklet for
Yxy(28.1381, 0.3728, 0.3656)
contains.

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Color

Yxy(28.1381, 0.3728, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	A98B73
RGB	169, 139, 115
RGB Percent	66%, 55%, 45%
CMY	0.3372, 0.4549, 0.5491
CMYK	0.00, 0.18, 0.32, 0.34
HSL	27°, 24%, 56%
HSV	27°, 32%, 66%
XYZ	28.6922, 28.1381, 20.1338
YIQ	145.2340, 25.5840, -1.1040

Conversions

Conversions Part 2

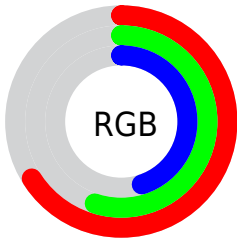
Format	Color
R_{YB}	169, 158, 115
Decimal	11111283
CIE _{Lab}	60.01, 7.77, 17.11
CIE _{LCh}	60, 18.796, 65.587
Yxy	28.1381, 0.3728, 0.3656
Android (android.graphics.Color)	4289301363 (0xFFA98B73)
YUV	145.2340, -14.9054, 20.8428
Hunter-Lab	53.0454, 3.7213, 14.6277

Details

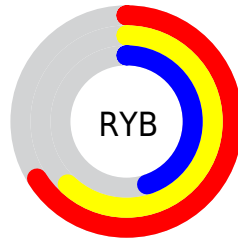
The Yxy color $28.1381, 0.3728, 0.3656$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $26.7635, 0.2632, 0.2892$, and the grayscale version is $28.4705, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.4968, 0.3603, 0.3579$, and $11.2630, 0.3941, 0.3765$ is the 20% darker color. If you saturate the color by 10%, you get $25.1814, 0.3972, 0.3774$, and if you desaturate by 10%, it is $31.4024, 0.3511, 0.3537$.

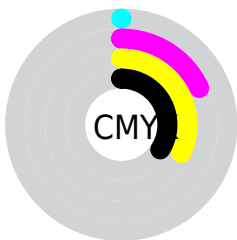
Distribution



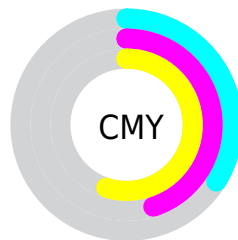
- Red (66%)
- Green (55%)
- Blue (45%)



- Red (66%)
- Yellow (62%)
- Blue (45%)



- Cyan (0%)
- Magenta (18%)
- Yellow (32%)
- Black (34%)





- Cyan (34%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1381, 0.3728, 0.3656 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 28.1381, 0.3728, 0.3656 by changing the saturation by 10% instead.


 28.1381, 0.3728,
0.3656


 28.1381, 0.3728,
0.3656


293.1262, 0.3401,
0.3464

 18.4298, 0.3819,
0.3706


 56.7048, 0.3602,
0.3584

 11.2590, 0.3942,
0.3771


 76.3321, 0.3557,
0.3558

 6.2413, 0.4115,
0.3858


 100.0344, 0.3520,
0.3536

 2.9924, 0.4377,
0.3977

128.1962, 0.3489,
0.3517

 1.1277, 0.5352,
0.4606

161.2019, 0.3462,
0.3501

 0.0015, 0.9924,
0.0076

199.4359, 0.3439,

 0.0000, 0.0000,

0.3487

0.0000

243.2825, 0.3419,
0.3475

■ 28.1381, 0.3728,
0.3656

■ 28.1381, 0.3728,
0.3656

■ 25.1814, 0.3972,
0.3774

■ 31.4024, 0.3511,
0.3537

■ 22.5187, 0.4242,
0.3883

■ 34.9797, 0.3322,
0.3421

■ 20.1409, 0.4532,
0.3974

■ 38.8800, 0.3157,
0.3311

■ 18.0369, 0.4829,
0.4036


■ 43.1119, 0.3014,
0.3208

■ 16.1947, 0.5117,
0.4055


■ 47.6834, 0.2891,
0.3113

 14.6007, 0.5374,
0.4022

 52.6022, 0.2784,
0.3026

 13.4840, 0.5559,
0.3968

 57.8760, 0.2692,
0.2946

 63.5119, 0.2612,
0.2873

 68.7126, 0.2601,
0.2932

Harmonies

Analogous

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



28.1381, 0.3722, 0.3415



28.1381, 0.3728, 0.3656



28.1381, 0.3566, 0.3816

Triad

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



28.1381, 0.3728, 0.3656



28.1381, 0.2718, 0.3411



28.1381, 0.2942, 0.2805

Complementary

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



28.1381, 0.3728, 0.3656



26.7635, 0.2632, 0.2892

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.



28.1381, 0.2691, 0.2785



28.1381, 0.3728, 0.3656



28.1381, 0.2567, 0.3117

Square

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



28.1381, 0.3728, 0.3656



28.1381, 0.2980, 0.3682



28.1381, 0.2558, 0.2892



28.1381, 0.3255, 0.2940

Rectangle

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



28.1381, 0.3728, 0.3656



28.1381, 0.3390, 0.3846



28.1381, 0.2558, 0.2892



28.1381, 0.2848, 0.2785

Sweetspot

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



28.1394, 0.3728, 0.3656



63.8361, 0.3290, 0.3401



22.7588, 0.3440, 0.2831



13.7157, 0.3314, 0.3416



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



28.1394, 0.3728, 0.3656



46.7687, 0.3889, 0.3736



36.7372, 0.3614, 0.4024



8.0705, 0.3275, 0.3391



10.1503, 0.5542, 0.3982



0.3497, 0.4992, 0.4419

Inverse Universe

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



26.7635, 0.2632, 0.2892



43.9285, 0.2528, 0.2793



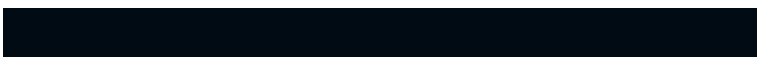
19.6050, 0.2577, 0.2432



7.9658, 0.2987, 0.3187



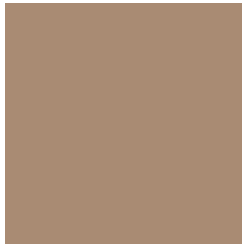
8.1968, 0.1832, 0.1794



0.2991, 0.1984, 0.2341

Previews

White Background



This preview shows how the Yxy color 28.1381, 0.3728, 0.3656 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 28.1381, 0.3728, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

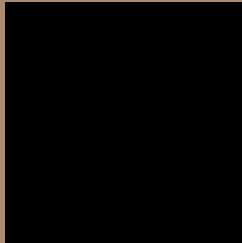
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1381, 0.3728, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 28.1381, 0.3728, 0.3656.



This preview shows how white text looks on a background with the Yxy color 28.1381, 0.3728, 0.3656.

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

28.1381, 0.3728, 0.3656

Protanopia

28.3311, 0.3488, 0.3724

Deuteranopia

28.1381, 0.3728, 0.3656



Tritanopia

28.1429, 0.3439, 0.3143

Trichromacy



Original Color

28.1381, 0.3728, 0.3656

Protanomaly

28.3002, 0.3574, 0.3700

Deuteranomaly

28.1381, 0.3728, 0.3656

Tritanomaly

27.9875, 0.3548, 0.3321

Monochromacy



Original Color

28.1381, 0.3728, 0.3656

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.2362, 0.3338, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1381, 0.3728, 0.3656 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(169, 139, 115)` looks like.

```
.text, #text, p{  
    color:rgb(169, 139, 115)  
}
```

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(169, 139, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 139, 115) }
```

Border

The CSS property to change the border of an element to Yxy 28.1381, 0.3728, 0.3656 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(169, 139, 115) }
```

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

```
.border{ border-color:rgb(169, 139, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 139, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 139, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 139, 115);  
box-shadow:4px 4px 4px 4px rgb(169, 139,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1381, 0.3728, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 139, 115) }
```

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

```
.background{ background-color: rgb(169,  
139, 115) }
```

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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