

Converting Colors

$Y_{xy}(28.4352, 0.3238, 0.4192)$

Have a look what the booklet for
Yxy(28.4352, 0.3238, 0.4192)
contains.

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Color

$\text{Yxy}(28.4352, 0.3238, 0.4192)$

Conversions

Conversions Part 1

Format	Color
Hex	789B68
RGB	120, 155, 104
RGB Percent	47%, 61%, 41%
CMY	0.5295, 0.3921, 0.5921
CMYK	0.23, 0.00, 0.33, 0.39
HSL	101°, 20%, 51%
HSV	101°, 33%, 61%
XYZ	21.9640, 28.4352, 17.4328
YIQ	138.7210, -4.4890, -23.2810

Conversions

Conversions Part 2

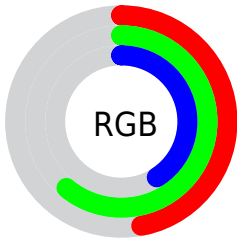
Format	Color
RYB	104, 155, 139
Decimal	7904104
CIELab	60.28, -21.97, 22.92
CIElCh	60, 31.743, 133.786
Yxy	28.4352, 0.3238, 0.4192
Android (android.graphics.Color)	4286094184 (0xFF789B68)
YUV	138.7210, -17.1175, -16.4183
Hunter-Lab	53.3247, -19.7954, 17.9442

Details

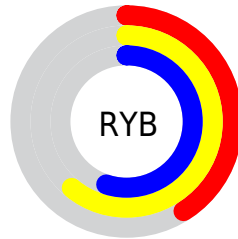
The Yxy color $28.4352, 0.3238, 0.4192$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.7652, 0.2965, 0.2447$, and the grayscale version is $25.7736, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.3777, 0.3220, 0.3992$, and $11.4882, 0.3249, 0.4558$ is the 20% darker color. If you saturate the color by 10%, you get $27.4303, 0.3261, 0.4506$, and if you desaturate by 10%, it is $29.5851, 0.3208, 0.3892$.

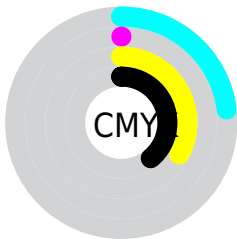
Distribution



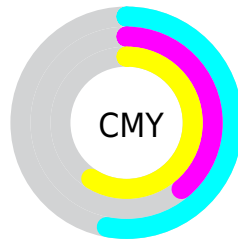
- Red (47%)
- Green (61%)
- Blue (41%)



- Red (41%)
- Yellow (61%)
- Blue (55%)



- Cyan (23%)
- Magenta (0%)
- Yellow (33%)
- Black (39%)



- Cyan (53%)
- Magenta (39%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4352, 0.3238, 0.4192 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 28.4352, 0.3238, 0.4192 by changing the saturation by 10% instead.


 28.4352, 0.3238,
0.4192


 28.4352, 0.3238,
0.4192


294.5407, 0.3190,
0.3685


 18.6540, 0.3245,
0.4340


 57.1785, 0.3224,
0.3993


 11.4205, 0.3250,
0.4545


 76.9094, 0.3217,
0.3922

 6.3504, 0.3245,
0.4845


 100.7256, 0.3211,
0.3865

 3.0593, 0.3212,
0.5322

 129.0116, 0.3206,
0.3817

 1.1628, 0.3193,
0.6807

162.1517, 0.3201,
0.3776

 0.0310, 0.0000,
1.0000

200.5303, 0.3197,

 0.0000, 0.0000,

0.3741

0.0000

244.5318, 0.3194,
0.3711

■ 28.4352, 0.3238,
0.4192

■ 28.4352, 0.3238,
0.4192

■ 27.4303, 0.3261,
0.4506

■ 29.5851, 0.3208,
0.3892

■ 26.5609, 0.3275,
0.4822

■ 30.8821, 0.3174,
0.3613

■ 25.8217, 0.3276,
0.5126


■ 32.3324, 0.3138,
0.3359

■ 25.2059, 0.3262,
0.5398


■ 33.9412, 0.3101,
0.3130

■ 24.7057, 0.3234,
0.5622


■ 35.7131, 0.3065,
0.2926

 24.3123, 0.3192,
0.5784

 37.6527, 0.3030,
0.2746

 24.0859, 0.3161,
0.5872

 39.7645, 0.2996,
0.2587

 42.0525, 0.2965,
0.2447

 44.5209, 0.2936,
0.2324

Harmonies

Analogous

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



28.4352, 0.3732, 0.4211



28.4352, 0.3238, 0.4192



28.4352, 0.2738, 0.3856

Triad

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



28.4352, 0.3238, 0.4192



28.4352, 0.2239, 0.2557



28.4352, 0.3942, 0.3169

Complementary

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



28.4352, 0.3238, 0.4192



17.7652, 0.2965, 0.2447

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.



28.4352, 0.3479, 0.2806



28.4352, 0.3238, 0.4192



28.4352, 0.2503, 0.2460

Square

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



28.4352, 0.3238, 0.4192



28.4352, 0.2189, 0.2861



28.4352, 0.2946, 0.2553



28.4352, 0.4166, 0.3581

Rectangle

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



28.4352, 0.3238, 0.4192



28.4352, 0.2467, 0.3517



28.4352, 0.2946, 0.2553



28.4352, 0.3807, 0.3039

Sweetspot

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



28.4364, 0.3238, 0.4192



55.9739, 0.3164, 0.3542



26.3944, 0.3684, 0.3854



12.5949, 0.3169, 0.3576



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.4364, 0.3238, 0.4192



49.6571, 0.3255, 0.4407



27.5901, 0.3005, 0.4057



7.0147, 0.3161, 0.3517



19.3623, 0.3166, 0.5868



0.3072, 0.3485, 0.5615

Inverse Universe

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



17.7652, 0.2965, 0.2447



27.7068, 0.2920, 0.2262



18.9389, 0.3281, 0.2629



6.2267, 0.3090, 0.3067



4.4073, 0.2448, 0.1122



0.0849, 0.2802, 0.1317

Previews

White Background



This preview shows how the Yxy color 28.4352, 0.3238, 0.4192 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 28.4352, 0.3238, 0.4192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

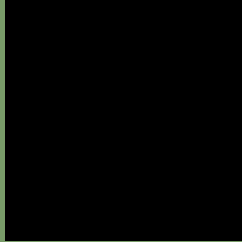
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4352, 0.3238, 0.4192

Background



This preview shows how black text looks on a background with the Yxy color 28.4352, 0.3238, 0.4192.



This preview shows how white text looks on a background with the Yxy color 28.4352, 0.3238, 0.4192.

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

28.4352, 0.3238, 0.4192

Protanopia

28.3390, 0.3719, 0.4002

Deuteranopia

28.2059, 0.3828, 0.3758



Tritanopia

28.3850, 0.2833, 0.3094

Trichromacy



Original Color

28.4352, 0.3238, 0.4192

Protanomaly

28.3638, 0.3542, 0.4084

Deuteranomaly

27.9877, 0.3590, 0.3905

Tritanomaly

28.4623, 0.2980, 0.3476

Monochromacy



Original Color

28.4352, 0.3238, 0.4192

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.6627, 0.3175, 0.3617

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4352, 0.3238, 0.4192 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(120, 155, 104)` looks like.

```
.text, #text, p{  
    color:rgb(120, 155, 104)  
}
```

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(120, 155, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 155, 104) }
```

Border

The CSS property to change the border of an element to Yxy 28.4352, 0.3238, 0.4192 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(120, 155, 104) }
```

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

```
.border{ border-color:rgb(120, 155, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 155, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 155, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 155, 104);  
box-shadow:4px 4px 4px 4px rgb(120, 155,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4352, 0.3238, 0.4192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 155, 104) }
```

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

```
.background{ background-color: rgb(120,  
155, 104) }
```

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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