

Converting Colors

$Y_{xy}(28.7913, 0.3489, 0.3417)$

Have a look what the booklet for
Yxy(28.7913, 0.3489, 0.3417)
contains.

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Color

Yxy(28.8502, 0.3488, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	A68D85
RGB	166, 141, 133
RGB Percent	65%, 55%, 52%
CMY	0.3490, 0.4470, 0.4785
CMYK	0.00, 0.15, 0.20, 0.35
HSL	15°, 16%, 59%
HSV	15°, 20%, 65%
XYZ	29.4842, 28.8502, 26.1959
YIQ	147.5630, 17.4680, 2.8120

Conversions

Conversions Part 2

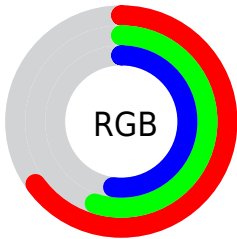
Format	Color
R_{YB}	166, 144, 133
Decimal	10915205
CIE _{Lab}	60.65, 8.09, 7.76
CIE _{LCh}	61, 11.209, 43.834
Yxy	28.8502, 0.3488, 0.3413
Android (android.graphics.Color)	4289105285 (0xFFA68D85)
YUV	147.5630, -7.1796, 16.1692
Hunter-Lab	53.7124, 3.9868, 8.6825

Details

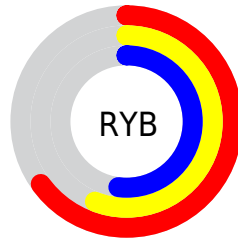
The Yxy color $28.8502, 0.3488, 0.3413$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $32.1851, 0.2828, 0.3164$, and the grayscale version is $29.4483, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.9475, 0.3409, 0.3394$, and $11.6997, 0.3614, 0.3443$ is the 20% darker color. If you saturate the color by 10%, you get $24.9303, 0.3723, 0.3479$, and if you desaturate by 10%, it is $33.2658, 0.3291, 0.3349$.

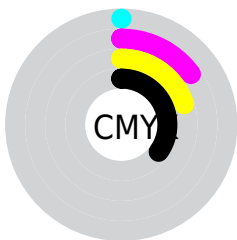
Distribution



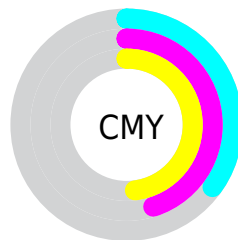
- Red (65%)
- Green (55%)
- Blue (52%)



- Red (65%)
- Yellow (56%)
- Blue (52%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (35%)



- Cyan (35%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8502, 0.3488, 0.3413 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 28.8502, 0.3488, 0.3413 by changing the saturation by 10% instead.


 28.8502, 0.3488,
0.3413


 28.8502, 0.3488,
0.3413


296.5075, 0.3292,
0.3349


 18.9675, 0.3543,
0.3430


 57.8390, 0.3413,
0.3389

 11.6468, 0.3617,
0.3451


 77.7139, 0.3386,
0.3380

 6.5037, 0.3724,
0.3481


 101.6884, 0.3363,
0.3373

 3.1537, 0.3889,
0.3523

130.1468, 0.3344,
0.3367

 1.2125, 0.4198,
0.3601

163.4735, 0.3328,
0.3362

 0.0719, 0.7871,
0.2129

202.0529, 0.3315,

 0.0000, 0.0000,


0.3357


0.0000

246.2694, 0.3303,
0.3353


 28.8502, 0.3488,
0.3413


 28.8502, 0.3488,
0.3413


 24.9303, 0.3723,
0.3479


 33.2658, 0.3291,
0.3349


 21.4847, 0.4001,
0.3545


 38.1896, 0.3126,
0.3289


 18.4963, 0.4323,
0.3606

 43.6387, 0.2988,
0.3234

 15.9455, 0.4686,
0.3654

 49.6281, 0.2872,
0.3184

 13.8111, 0.5073,
0.3680

 56.1723, 0.2775,
0.3138

■ 12.0702, 0.5458,
0.3674

■ 63.2850, 0.2692,
0.3096

■ 10.6974, 0.5800,
0.3628

■ 70.9798, 0.2622,
0.3058

■ 9.6579, 0.6076,
0.3556

■ 78.5554, 0.2613,
0.3139

■ 9.6487, 0.6079,
0.3555

■ 86.2755, 0.2632,
0.3279

Harmonies

Analogous

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



28.8502, 0.3411, 0.3256



28.8502, 0.3488, 0.3413



28.8502, 0.3465, 0.3544

Triad

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



28.8502, 0.3488, 0.3413



28.8502, 0.2994, 0.3479



28.8502, 0.2903, 0.2981

Complementary

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



28.8502, 0.3488, 0.3413



32.1851, 0.2828, 0.3164

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.



28.8502, 0.2799, 0.3029



28.8502, 0.3488, 0.3413



28.8502, 0.2850, 0.3316

Square

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



28.8502, 0.3488, 0.3413



28.8502, 0.3177, 0.3589



28.8502, 0.2780, 0.3150



28.8502, 0.3069, 0.3012

Rectangle

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



28.8502, 0.3488, 0.3413



28.8502, 0.3397, 0.3598



28.8502, 0.2780, 0.3150



28.8502, 0.2860, 0.2988

Sweetspot

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



28.8515, 0.3488, 0.3413



63.6407, 0.3225, 0.3326



27.3554, 0.3230, 0.2915



14.1198, 0.3235, 0.3330



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.



28.8515, 0.3488, 0.3413



49.0118, 0.3590, 0.3443



33.9821, 0.3443, 0.3651



7.8274, 0.3280, 0.3346



7.5449, 0.6064, 0.3567



0.2606, 0.5452, 0.4053

Inverse Universe

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



32.1851, 0.2828, 0.3164



56.2041, 0.2762, 0.3131



27.0200, 0.2813, 0.2901



8.2185, 0.2987, 0.3234



13.7137, 0.2028, 0.2499



0.4062, 0.2108, 0.2790

Previews

White Background



This preview shows how the Yxy color 28.8502, 0.3488, 0.3413 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 28.8502, 0.3488, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

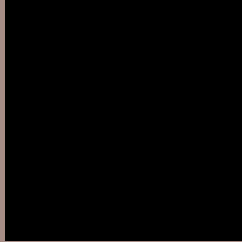
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8502, 0.3488, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 28.8502, 0.3488, 0.3413.



This preview shows how white text looks on a background with the Yxy color 28.8502, 0.3488, 0.3413.

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

28.8502, 0.3488, 0.3413

Protanopia

29.0107, 0.3290, 0.3449

Deuteranopia

28.8502, 0.3488, 0.3413



Tritanopia

28.9600, 0.3342, 0.3142

Trichromacy



Original Color

28.8502, 0.3488, 0.3413

Protanomaly

28.8639, 0.3358, 0.3431

Deuteranomaly

28.8502, 0.3488, 0.3413

Tritanomaly

28.9548, 0.3393, 0.3246

Monochromacy



Original Color

28.8502, 0.3488, 0.3413

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.2025, 0.3253, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8502, 0.3488, 0.3413 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(166, 141, 133)` looks like.

```
.text, #text, p{  
    color:rgb(166, 141, 133)  
}
```

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(166, 141, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 141, 133) }
```

Border

The CSS property to change the border of an element to Yxy 28.8502, 0.3488, 0.3413 is called "border". The border property can be set on classes, ids or directly on the HTML element.

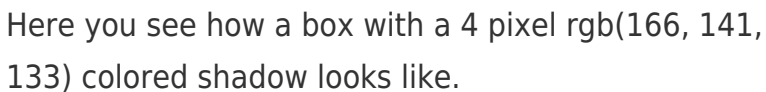
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 141, 133) }
```

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

```
.border{ border-color:rgb(166, 141, 133) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 141, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 141, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 141, 133); box-shadow:4px 4px 4px 4px rgb(166, 141, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8502, 0.3488, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 141, 133) }
```

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

```
.background{ background-color: rgb(166,  
141, 133) }
```

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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