

Converting Colors

$Y_{xy}(29.0418, 0.2797, 0.3497)$

Have a look what the booklet for
Yxy(29.0418, 0.2797, 0.3497)
contains.

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Color

Yxy(29.0418, 0.2797, 0.3497)

Conversions

Conversions Part 1

Format	Color
Hex	6D9C90
RGB	109, 156, 144
RGB Percent	43%, 61%, 56%
CMY	0.5726, 0.3882, 0.4352
CMYK	0.30, 0.00, 0.08, 0.39
HSL	165°, 19%, 52%
HSV	165°, 30%, 61%
XYZ	23.2285, 29.0418, 30.7775
YIQ	140.5790, -24.1600, -13.6960

Conversions

Conversions Part 2

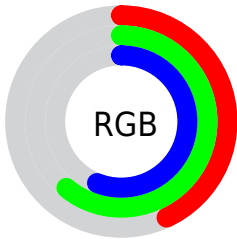
Format	Color
RYB	109, 136, 156
Decimal	7183504
CIELab	60.82, -18.51, 1.19
CIElCh	61, 18.546, 176.324
Yxy	29.0418, 0.2797, 0.3497
Android (android.graphics.Color)	4285373584 (0xFF6D9C90)
YUV	140.5790, 1.6866, -27.6948
Hunter-Lab	53.8904, -17.3692, 3.8621

Details

The Yxy color $29.0418, 0.2797, 0.3497$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $19.3800, 0.3613, 0.3094$, and the grayscale version is $26.4624, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.3471, 0.2865, 0.3455$, and $11.8411, 0.2679, 0.3575$ is the 20% darker color. If you saturate the color by 10%, you get $28.0207, 0.2704, 0.3578$, and if you desaturate by 10%, it is $30.2452, 0.2900, 0.3422$.

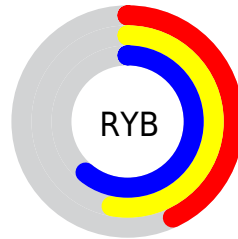
Distribution



Red (43%)

Green (61%)

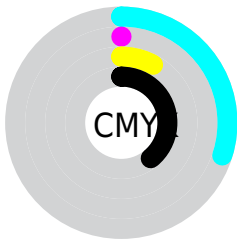
Blue (56%)



Red (43%)

Yellow (53%)

Blue (61%)

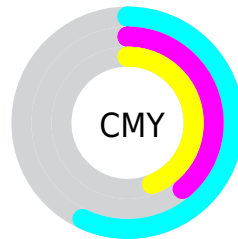


Cyan (30%)

Magenta (0%)

Yellow (8%)

Black (39%)



Cyan (57%)


Magenta (39%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0418, 0.2797, 0.3497 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 29.0418, 0.2797, 0.3497 by changing the saturation by 10% instead.


 29.0418, 0.2797,
0.3497


 29.0418, 0.2797,
0.3497


 297.4121, 0.2975,
0.3385


 19.1124, 0.2748,
0.3528


 58.1435, 0.2865,
0.3454

 11.7516, 0.2681,
0.3571


 78.0846, 0.2890,
0.3438


 6.5747, 0.2586,
0.3632


 102.1318, 0.2910,
0.3426

 3.1976, 0.2441,
0.3726

 130.6694, 0.2927,
0.3415

 1.2357, 0.2168,
0.3902

 164.0818, 0.2942,
0.3406

 0.0906, 0.0000,
0.8537

 202.7535, 0.2954,

 0.0000, 0.0000,

0.3398

0.0000

247.0688, 0.2965,
0.3391

■ 29.0418, 0.2797,
0.3497

■ 29.0418, 0.2797,
0.3497

■ 28.0207, 0.2704,
0.3578

■ 30.2452, 0.2900,
0.3422

■ 27.1689, 0.2624,
0.3663

■ 31.6358, 0.3010,
0.3353

■ 26.4775, 0.2559,
0.3752

■ 33.2231, 0.3125,
0.3291

■ 25.9351, 0.2512,
0.3844

■ 35.0146, 0.3243,
0.3235

■ 25.5290, 0.2484,
0.3938

■ 37.0175, 0.3361,
0.3184

■ 25.2442, 0.2474,
0.4031

■ 39.2386, 0.3478,
0.3140

■ 25.0461, 0.2479,
0.4123

■ 41.6845, 0.3592,
0.3101

■ 44.3614, 0.3703,
0.3067

■ 47.2753, 0.3810,
0.3037

Harmonies

Analogous

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



29.0418, 0.3076, 0.3734



29.0418, 0.2797, 0.3497



29.0418, 0.2611, 0.3206

Triad

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



29.0418, 0.2797, 0.3497



29.0418, 0.2861, 0.2797



29.0418, 0.3731, 0.3581

Complementary

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



29.0418, 0.2797, 0.3497



19.3800, 0.3613, 0.3094

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.



29.0418, 0.3671, 0.3334



29.0418, 0.2797, 0.3497



29.0418, 0.3156, 0.2897

Square

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



29.0418, 0.2797, 0.3497



29.0418, 0.2647, 0.2815



29.0418, 0.3456, 0.3089



29.0418, 0.3620, 0.3768

Rectangle

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



29.0418, 0.2797, 0.3497



29.0418, 0.2560, 0.3032



29.0418, 0.3456, 0.3089



29.0418, 0.3730, 0.3502

Sweetspot

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



29.0430, 0.2797, 0.3497



57.7184, 0.3021, 0.3347



28.9849, 0.3209, 0.4114



12.6193, 0.3006, 0.3356



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.



29.0430, 0.2797, 0.3497



51.4912, 0.2735, 0.3549



25.9108, 0.2683, 0.3099



7.4806, 0.3020, 0.3348



20.6345, 0.2477, 0.4116



0.3753, 0.2374, 0.3745

Inverse Universe

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



19.3800, 0.3613, 0.3094



31.1304, 0.3763, 0.3050



21.5929, 0.3728, 0.3473



6.6725, 0.3246, 0.3233



5.9515, 0.5866, 0.3005



0.1126, 0.4877, 0.2460

Previews

White Background



This preview shows how the Yxy color 29.0418, 0.2797, 0.3497 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 29.0418, 0.2797, 0.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

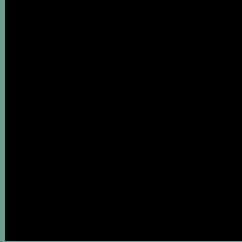
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0418, 0.2797, 0.3497

Background



This preview shows how black text looks on a background with the Yxy color 29.0418, 0.2797, 0.3497.



This preview shows how white text looks on a background with the Yxy color 29.0418, 0.2797, 0.3497.

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

29.0418, 0.2797, 0.3497

Protanopia

28.9721, 0.3259, 0.3417

Deuteranopia

28.9262, 0.3271, 0.3214



Tritanopia

29.0765, 0.2670, 0.3090

Trichromacy



Original Color

29.0418, 0.2797, 0.3497

Protanomaly

28.9404, 0.3079, 0.3455

Deuteranomaly

28.6055, 0.3075, 0.3306

Tritanomaly

28.9903, 0.2717, 0.3238

Monochromacy



Original Color

29.0418, 0.2797, 0.3497

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.1779, 0.2991, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0418, 0.2797, 0.3497 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(109, 156, 144)` looks like.

```
.text, #text, p{  
    color:rgb(109, 156, 144)  
}
```

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(109, 156, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 156, 144) }
```

Border

The CSS property to change the border of an element to Yxy 29.0418, 0.2797, 0.3497 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(109, 156, 144) }
```

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

```
.border{ border-color:rgb(109, 156, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 156, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 156, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 156, 144);  
box-shadow:4px 4px 4px 4px rgb(109, 156,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0418, 0.2797, 0.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 156, 144) }
```

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

```
.background{ background-color: rgb(109,  
156, 144) }
```

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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