

Converting Colors

$Y_{xy}(29.6215, 0.2828, 0.3204)$

Have a look what the booklet for
Yxy(29.6215, 0.2828, 0.3204)
contains.

Yxy(29.6867, 0.2827, 0.3208)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.6867, 0.2827, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	7E999E
RGB	126, 153, 158
RGB Percent	49%, 60%, 62%
CMY	0.5061, 0.3999, 0.3804
CMYK	0.20, 0.03, 0.00, 0.38
HSL	189°, 14%, 56%
HSV	189°, 20%, 62%
XYZ	26.1609, 29.6867, 36.6919
YIQ	145.4970, -17.6970, -4.1690

Conversions

Conversions Part 2

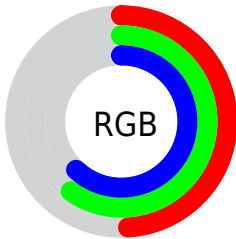
Format	Color
R_{YB}	126, 141, 158
Decimal	8296862
CIE _{Lab}	61.38, -8.30, -5.76
CIE _{LCh}	61, 10.105, 214.737
Yxy	29.6867, 0.2827, 0.3208
Android (android.graphics.Color)	4286486942 (0xFF7E999E)
YUV	145.4970, 6.1640, -17.0989
Hunter-Lab	54.4855, -9.6437, -1.7876

Details

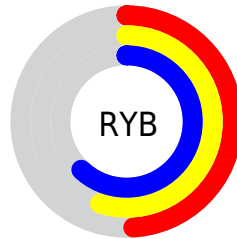
The Yxy color $29.6867, 0.2827, 0.3208$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $24.9857, 0.3503, 0.3370$, and the grayscale version is $28.5051, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.0134, 0.2884, 0.3216$, and $12.1008, 0.2720, 0.3169$ is the 20% darker color. If you saturate the color by 10%, you get $27.7863, 0.2688, 0.3162$, and if you desaturate by 10%, it is $31.7956, 0.2973, 0.3250$.

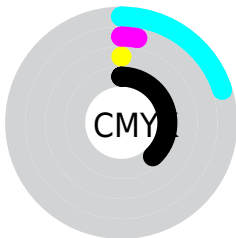
Distribution



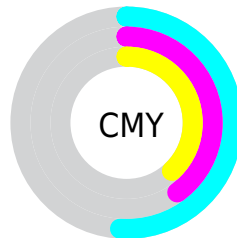
- Red (49%)
- Green (60%)
- Blue (62%)



- Red (49%)
- Yellow (55%)
- Blue (62%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (38%)



- Cyan (51%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.6867, 0.2827, 0.3208 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 29.6867, 0.2827, 0.3208 by changing the saturation by 10% instead.

■ 29.6867, 0.2827,
0.3208

■ 29.6867, 0.2827,
0.3208

■ 300.4414, 0.2987,
0.3254

■ 19.6009, 0.2783,
0.3195

■ 59.1664, 0.2888,
0.3226

■ 12.1053, 0.2725,
0.3176

■ 79.3290, 0.2910,
0.3232

■ 6.8154, 0.2643,
0.3150

■ 103.6194, 0.2928,
0.3237

■ 3.3469, 0.2520,
0.3107

■ 132.4219, 0.2944,
0.3242

■ 1.3154, 0.2313,
0.3029

■ 166.1210, 0.2957,
0.3245

■ 0.1531, 0.0000,
0.2119

■ 205.1010, 0.2968,

■ 0.0000, 0.0000,

0.3249

0.0000

249.7463, 0.2978,
0.3251

■ 29.6867, 0.2827,
0.3208

■ 29.6867, 0.2827,
0.3208

■ 27.7863, 0.2688,
0.3162

■ 31.7956, 0.2973,
0.3250

■ 26.0819, 0.2559,
0.3114

■ 34.1179, 0.3123,
0.3289

■ 24.5649, 0.2442,
0.3063

■ 36.6626, 0.3275,
0.3324

■ 23.2249, 0.2341,
0.3010

■ 39.4372, 0.3426,
0.3356

■ 22.0500, 0.2256,
0.2956

■ 42.4489, 0.3574,
0.3384

■ 21.0269, 0.2190,
0.2902

■ 45.7043, 0.3718,
0.3408

■ 20.1402, 0.2143,
0.2848

■ 49.2101, 0.3858,
0.3430

■ 19.3722, 0.2110,
0.2795

■ 52.9725, 0.3991,
0.3448

■ 54.4188, 0.4005,
0.3473

Harmonies

Analogous

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



29.6867, 0.2913, 0.3360



29.6867, 0.2827, 0.3208



29.6867, 0.2819, 0.3084

Triad

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



29.6867, 0.2827, 0.3208



29.6867, 0.3193, 0.3097



29.6867, 0.3365, 0.3567

Complementary

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



29.6867, 0.2827, 0.3208



24.9857, 0.3503, 0.3370

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.



29.6867, 0.3444, 0.3487



29.6867, 0.2827, 0.3208



29.6867, 0.3344, 0.3218

Square

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



29.6867, 0.2827, 0.3208



29.6867, 0.3027, 0.3025



29.6867, 0.3437, 0.3359



29.6867, 0.3222, 0.3571

Rectangle

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



29.6867, 0.2827, 0.3208



29.6867, 0.2859, 0.3033



29.6867, 0.3437, 0.3359



29.6867, 0.3400, 0.3547

Sweetspot

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



29.6879, 0.2827, 0.3208



59.4575, 0.3035, 0.3267



30.5133, 0.3060, 0.3749



13.3479, 0.3026, 0.3264



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



29.6879, 0.2827, 0.3208



52.4303, 0.2768, 0.3189



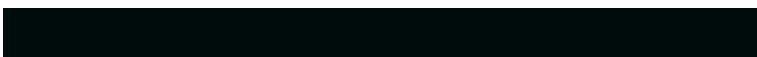
24.8392, 0.2810, 0.2941



7.3340, 0.2988, 0.3254



15.5648, 0.2111, 0.2800



0.3213, 0.2171, 0.3015

Inverse Universe

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



24.4786, 0.3204, 0.2873



41.4241, 0.3223, 0.2784



29.5705, 0.3456, 0.3616



6.7369, 0.3160, 0.3103



7.1935, 0.3635, 0.1776



0.1330, 0.3441, 0.1669

Previews

White Background



This preview shows how the Yxy color 29.6867, 0.2827, 0.3208 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 29.6867, 0.2827, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

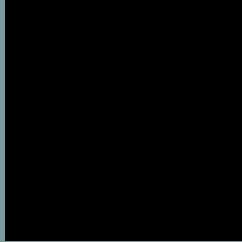
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

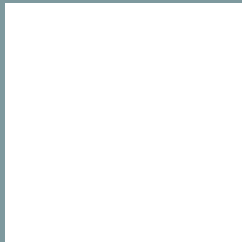
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.6867, 0.2827, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 29.6867, 0.2827, 0.3208.

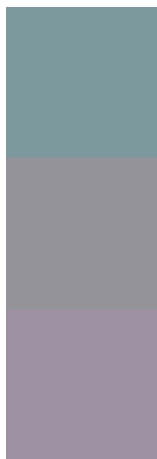


This preview shows how white text looks on a background with the Yxy color 29.6867, 0.2827, 0.3208.

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

29.6867, 0.2827, 0.3208

Protanopia

29.5901, 0.3081, 0.3181

Deuteranopia

29.6527, 0.3107, 0.3049



Tritanopia

29.6488, 0.2786, 0.3096

Trichromacy



Original Color

29.6867, 0.2827, 0.3208

Protanomaly

29.5242, 0.2991, 0.3194

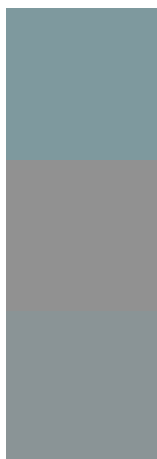
Deuteranomaly

29.4816, 0.3004, 0.3103

Tritanomaly

29.5771, 0.2802, 0.3127

Monochromacy



Original Color

29.6867, 0.2827, 0.3208

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.7851, 0.3007, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6867, 0.2827, 0.3208 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(126, 153, 158)` looks like.

```
.text, #text, p{  
    color:rgb(126, 153, 158)  
}
```

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(126, 153, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 153, 158) }
```

Border

The CSS property to change the border of an element to Yxy 29.6867, 0.2827, 0.3208 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(126, 153, 158) }
```

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

```
.border{ border-color:rgb(126, 153, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 153, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 153, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 153, 158);  
box-shadow:4px 4px 4px 4px rgb(126, 153,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6867, 0.2827, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 153, 158) }
```

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

```
.background{ background-color: rgb(126,  
153, 158) }
```

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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