

Converting Colors

$Y_{xy}(29.4147, 0.2671, 0.3482)$

Have a look what the booklet for
Yxy(29.4147, 0.2671, 0.3482)
contains.

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Color

$\text{Yxy}(29.4212, 0.2671, 0.3482)$

Conversions

Conversions Part 1

Format	Color
Hex	609F94
RGB	96, 159, 148
RGB Percent	38%, 62%, 58%
CMY	0.6234, 0.3765, 0.4196
CMYK	0.40, 0.00, 0.07, 0.38
HSL	170°, 25%, 50%
HSV	170°, 40%, 62%
XYZ	22.5686, 29.4212, 32.5053
YIQ	138.9090, -34.0170, -16.7770

Conversions

Conversions Part 2

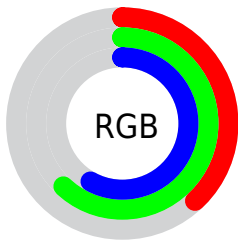
Format	Color
R_{YB}	96, 131, 159
Decimal	6332308
CIE _{Lab}	61.15, -22.93, -0.65
CIE _{LCh}	61, 22.941, 181.619
Y _{xy}	29.4212, 0.2671, 0.3482
Android (android.graphics.Color)	4284522388 (0xFF609F94)
YUV	138.9090, 4.4819, -37.6312
Hunter-Lab	54.2413, -20.6523, 2.4381

Details

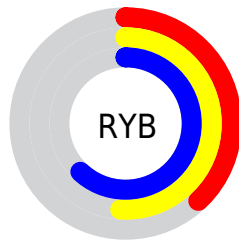
The Yxy color $29.4212, 0.2671, 0.3482$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $16.8026, 0.3915, 0.3112$, and the grayscale version is $25.7764, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.7470, 0.2761, 0.3444$, and $11.9139, 0.2521, 0.3553$ is the 20% darker color. If you saturate the color by 10%, you get $28.5583, 0.2583, 0.3539$, and if you desaturate by 10%, it is $30.4630, 0.2773, 0.3428$.

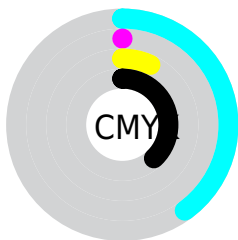
Distribution



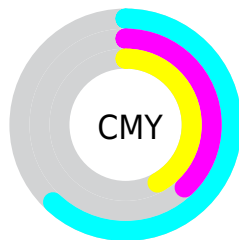
- Red (38%)
- Green (62%)
- Blue (58%)



- Red (38%)
- Yellow (51%)
- Blue (62%)



- Cyan (40%)
- Magenta (0%)
- Yellow (7%)
- Black (38%)



- Cyan (62%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4212, 0.2671, 0.3482 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 29.4212, 0.2671, 0.3482 by changing the saturation by 10% instead.


 29.4212, 0.2671,
0.3482


 29.4212, 0.2671,
0.3482


299.1971, 0.2915,
0.3380

 19.3997, 0.2604,
0.3510


 58.7456, 0.2764,
0.3443


 11.9594, 0.2515,
0.3547


 78.8173, 0.2798,
0.3429

 6.7161, 0.2388,
0.3599


 103.0079, 0.2825,
0.3418

 3.2852, 0.2198,
0.3676

 131.7017, 0.2849,
0.3408

 1.2824, 0.1831,
0.3827

165.2831, 0.2869,
0.3399

 0.1275, 0.0000,
0.4091

204.1365, 0.2887,

 0.0000, 0.0000,

0.3392

0.0000

248.6464, 0.2902,
0.3385

■ 29.4212, 0.2671,
0.3482

■ 29.4212, 0.2671,
0.3482

■ 28.5583, 0.2583,
0.3539

■ 30.4630, 0.2773,
0.3428

■ 27.8601, 0.2511,
0.3598

■ 31.6900, 0.2885,
0.3378

■ 27.3162, 0.2457,
0.3659

■ 33.1121, 0.3006,
0.3331

■ 26.9131, 0.2422,
0.3721

■ 34.7380, 0.3132,
0.3288

■ 26.6355, 0.2405,
0.3783

■ 36.5754, 0.3262,
0.3250

■ 26.4481, 0.2402,
0.3844

■ 38.6318, 0.3392,
0.3216

■ 26.4411, 0.2402,
0.3847

■ 40.9145, 0.3522,
0.3186

■ 43.4301, 0.3650,
0.3159

■ 46.1852, 0.3774,
0.3136

Harmonies

Analogous

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



29.4212, 0.2995, 0.3802



29.4212, 0.2671, 0.3482



29.4212, 0.2474, 0.3121

Triad

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



29.4212, 0.2671, 0.3482



29.4212, 0.2858, 0.2703



29.4212, 0.3861, 0.3688

Complementary

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



29.4212, 0.2671, 0.3482



16.8026, 0.3915, 0.3112

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.



29.4212, 0.3827, 0.3393



29.4212, 0.2671, 0.3482



29.4212, 0.3228, 0.2846

Square

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



29.4212, 0.2671, 0.3482



29.4212, 0.2576, 0.2695



29.4212, 0.3590, 0.3092



29.4212, 0.3688, 0.3903

Rectangle

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



29.4212, 0.2671, 0.3482



29.4212, 0.2433, 0.2919



29.4212, 0.3590, 0.3092



29.4212, 0.3874, 0.3594

Sweetspot

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



29.4224, 0.2671, 0.3482



58.5990, 0.2974, 0.3343



28.8024, 0.3176, 0.4432



13.1402, 0.2959, 0.3348



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.



29.4224, 0.2671, 0.3482



51.2431, 0.2589, 0.3535



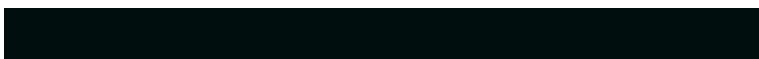
23.4729, 0.2539, 0.2932



7.4896, 0.3010, 0.3329



20.8895, 0.2400, 0.3841



0.3783, 0.2332, 0.3596

Inverse Universe

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



16.8026, 0.3915, 0.3112



25.2746, 0.4207, 0.3074



20.6985, 0.3958, 0.3617



6.6641, 0.3258, 0.3251



5.8918, 0.6097, 0.3132



0.1100, 0.5243, 0.2662

Previews

White Background



This preview shows how the Yxy color 29.4212, 0.2671, 0.3482 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 29.4212, 0.2671, 0.3482 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 29.4212, 0.2671, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 29.4212, 0.2671, 0.3482.

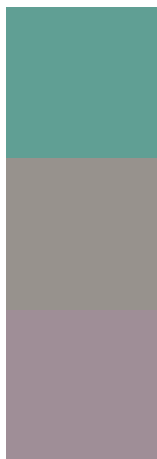


This preview shows how white text looks on a background with the Yxy color 29.4212, 0.2671, 0.3482.

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

29.4212, 0.2671, 0.3482

Protanopia

29.0602, 0.3229, 0.3369

Deuteranopia

28.9513, 0.3219, 0.3153



Tritanopia

29.4082, 0.2550, 0.3071

Trichromacy



Original Color

29.4212, 0.2671, 0.3482

Protanomaly

28.9721, 0.2993, 0.3406

Deuteranomaly

28.6161, 0.2988, 0.3257

Tritanomaly

29.3398, 0.2594, 0.3220

Monochromacy



Original Color

29.4212, 0.2671, 0.3482

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.7217, 0.2932, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4212, 0.2671, 0.3482 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(96, 159, 148)` looks like.

```
.text, #text, p{  
    color:rgb(96, 159, 148)  
}
```

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(96, 159, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 159, 148) }
```

Border

The CSS property to change the border of an element to Yxy 29.4212, 0.2671, 0.3482 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(96, 159, 148) }
```

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

```
.border{ border-color:rgb(96, 159, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 159, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 159, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 159, 148);  
box-shadow:4px 4px 4px 4px rgb(96, 159,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4212, 0.2671, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 159, 148) }
```

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

```
.background{ background-color: rgb(96, 159,  
148) }
```

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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