

Converting Colors

$Y_{xy}(16.3004, 0.2652, 0.2758)$

Have a look what the booklet for
Yxy(16.3004, 0.2652, 0.2758)
contains.

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Color

Yxy(16.3004, 0.2652, 0.2758)

Conversions

Conversions Part 1

Format	Color
Hex	62718C
RGB	98, 113, 140
RGB Percent	38%, 44%, 55%
CMY	0.6157, 0.5568, 0.4510
CMYK	0.30, 0.19, 0.00, 0.45
HSL	219°, 18%, 47%
HSV	219°, 30%, 55%
XYZ	15.6739, 16.3004, 27.1279
YIQ	111.5930, -17.6070, 5.2170

Conversions

Conversions Part 2

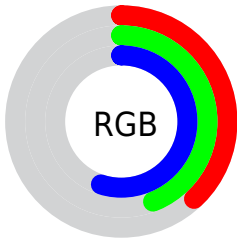
Format	Color
R_{YB}	98, 109, 140
Decimal	6451596
CIE _{Lab}	47.37, 1.06, -16.60
CIE _{LCh}	47, 16.630, 273.650
Yxy	16.3004, 0.2652, 0.2758
Android (android.graphics.Color)	4284641676 (0xFF62718C)
YUV	111.5930, 14.0047, -11.9211
Hunter-Lab	40.3738, -1.3567, -11.5765

Details

The Yxy color **16.3004, 0.2652, 0.2758** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.1159, 0.3632, 0.3769**, and the grayscale version is **16.0396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.2893, 0.2764, 0.2881**, and **5.1969, 0.2445, 0.2516** is the 20% darker color. If you saturate the color by 10%, you get **13.6810, 0.2481, 0.2545**, and if you desaturate by 10%, it is **19.2561, 0.2819, 0.2954**.

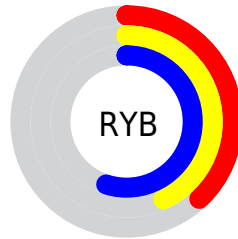
Distribution



Red (38%)

Green (44%)

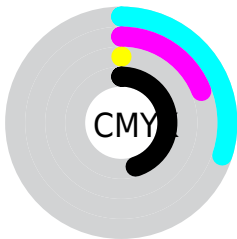
Blue (55%)



Red (38%)

Yellow (43%)

Blue (55%)

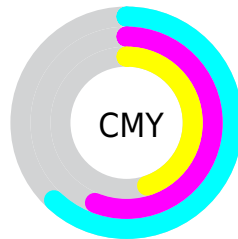


Cyan (30%)

Magenta (19%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (56%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.3004, 0.2652, 0.2758 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 16.3004, 0.2652, 0.2758 by changing the saturation by 10% instead.

■ 16.3004, 0.2652,
0.2758

■ 16.3004, 0.2652,
0.2758

■ 231.1078, 0.2928,
0.3066

■ 9.7370, 0.2567,
0.2664

■ 37.1189, 0.2763,
0.2882

■ 5.2249, 0.2445,
0.2529

■ 52.1428, 0.2802,
0.2924

■ 2.3798, 0.2259,
0.2325

■ 70.7557, 0.2833,
0.2959

■ 0.8155, 0.1943,
0.1979

■ 93.3418, 0.2858,
0.2988

■ 0.0000, 0.0000,
0.0000

■ 120.2858, 0.2880,
0.3012

■ 151.9718, 0.2898,

0.3032

188.7844, 0.2914,
0.3050

■ 16.3004, 0.2652,
0.2758

■ 16.3004, 0.2652,
0.2758

■ 13.6810, 0.2481,
0.2545

■ 19.2561, 0.2819,
0.2954

■ 11.3832, 0.2310,
0.2316

■ 22.5584, 0.2978,
0.3131

■ 9.3939, 0.2145,
0.2078

■ 26.2193, 0.3127,
0.3290

■ 7.6981, 0.1992,
0.1837

■ 30.2497, 0.3266,
0.3430

■ 6.2795, 0.1858,
0.1602

■ 34.6601, 0.3394,
0.3554

■ 5.1197, 0.1749,
0.1382

■ 39.4604, 0.3512,
0.3663

■ 4.1799, 0.1662,
0.1182

■ 44.6602, 0.3619,
0.3758

■ 50.2688, 0.3717,
0.3841

■ 56.2952, 0.3806,
0.3914

Harmonies

Analogous

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



16.3004, 0.2520, 0.2879



16.3004, 0.2652, 0.2758



16.3004, 0.2911, 0.2772

Triad

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



16.3004, 0.2652, 0.2758



16.3004, 0.3752, 0.3403



16.3004, 0.2990, 0.3723

Complementary

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



16.3004, 0.2652, 0.2758



21.1159, 0.3632, 0.3769

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.



16.3004, 0.3320, 0.3872



16.3004, 0.2652, 0.2758



16.3004, 0.3770, 0.3662

Square

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



16.3004, 0.2652, 0.2758



16.3004, 0.3554, 0.3133



16.3004, 0.3608, 0.3841



16.3004, 0.2708, 0.3438

Rectangle

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



16.3004, 0.2652, 0.2758



16.3004, 0.3128, 0.2850



16.3004, 0.3608, 0.3841



16.3004, 0.3099, 0.3792

Sweetspot

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



16.3010, 0.2652, 0.2758



40.2798, 0.2990, 0.3145



22.8200, 0.2843, 0.3587



9.0962, 0.2970, 0.3123



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



16.3010, 0.2652, 0.2758



25.5602, 0.2537, 0.2616



13.5441, 0.2686, 0.2465



5.1660, 0.2991, 0.3146



3.7493, 0.1664, 0.1191



0.0508, 0.1893, 0.2013

Inverse Universe

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



15.4998, 0.3539, 0.3020



24.1605, 0.3668, 0.2957



24.7361, 0.3497, 0.4028



5.0762, 0.3228, 0.3212



5.1627, 0.5479, 0.2792



0.0369, 0.4438, 0.2219

Previews

White Background



This preview shows how the Yxy color 16.3004, 0.2652, 0.2758 looks on a white 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

Black Background



This preview shows how the Yxy color 16.3004, 0.2652, 0.2758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

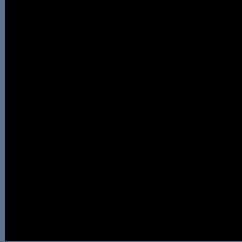
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

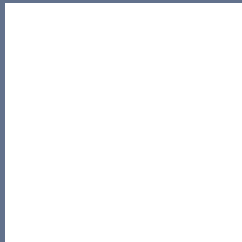
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 16.3004, 0.2652, 0.2758

Background



This preview shows how black text looks on a background with the Yxy color 16.3004, 0.2652, 0.2758.



This preview shows how white text looks on a background with the Yxy color 16.3004, 0.2652, 0.2758.

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

16.3004, 0.2652, 0.2758

Protanopia

16.2971, 0.2747, 0.2748

Deuteranopia

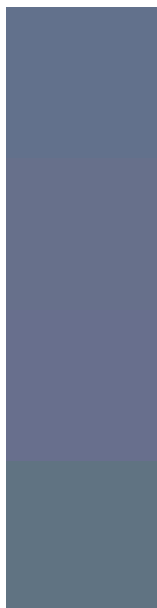
16.2631, 0.2748, 0.2697



Tritanopia

16.4043, 0.2774, 0.3103

Trichromacy



Original Color

16.3004, 0.2652, 0.2758

Protanomaly

16.3360, 0.2715, 0.2763

Deuteranomaly

16.2350, 0.2704, 0.2710

Tritanomaly

16.3600, 0.2733, 0.2984

Monochromacy



Original Color

16.3004, 0.2652, 0.2758

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

16.1193, 0.2944, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.3004, 0.2652, 0.2758 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(98, 113, 140) looks like.

```
.text, #text, p{  
    color:rgb(98, 113, 140)  
}
```

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(98, 113, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 113, 140) }
```

Border

The CSS property to change the border of an element to Yxy 16.3004, 0.2652, 0.2758 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(98, 113, 140) }
```

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

```
.border{ border-color:rgb(98, 113, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 113, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 113, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 113, 140);  
box-shadow:4px 4px 4px 4px rgb(98, 113,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 16.3004, 0.2652, 0.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 113, 140) }
```

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

```
.background{ background-color: rgb(98, 113,  
140) }
```

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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