

Converting Colors

$Y_{xy}(19.8678, 0.2738, 0.2898)$

Have a look what the booklet for
Yxy(19.8678, 0.2738, 0.2898)
contains.

Yxy(19.7418, 0.2732, 0.2884)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.7418, 0.2732, 0.2884)

Conversions

Conversions Part 1

Format	Color
Hex	6D7C92
RGB	109, 124, 146
RGB Percent	43%, 49%, 57%
CMY	0.5725, 0.5137, 0.4275
CMYK	0.25, 0.15, 0.00, 0.43
HSL	216°, 15%, 50%
HSV	216°, 25%, 57%
XYZ	18.7013, 19.7418, 30.0097
YIQ	122.0230, -16.0020, 3.6620

Conversions

Conversions Part 2

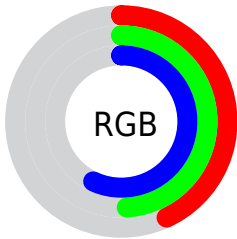
Format	Color
R _{YB}	109, 120, 146
Decimal	7175314
CIE Lab	51.54, -0.32, -13.70
CIE LCh	52, 13.705, 268.643
Yxy	19.7418, 0.2732, 0.2884
Android (android.graphics.Color)	4285365394 (0xFF6D7C92)
YUV	122.0230, 11.8207, -11.4212
Hunter-Lab	44.4317, -2.6249, -8.9429

Details

The Yxy color $19.7418, 0.2732, 0.2884$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $23.4394, 0.3553, 0.3665$, and the grayscale version is $19.4348, 0.3127, 0.3290$.

A 20% lighter version of the original color is $42.7979, 0.2819, 0.2968$, and $6.8190, 0.2571, 0.2720$ is the 20% darker color. If you saturate the color by 10%, you get $16.8127, 0.2566, 0.2694$, and if you desaturate by 10%, it is $23.0176, 0.2894, 0.3058$.

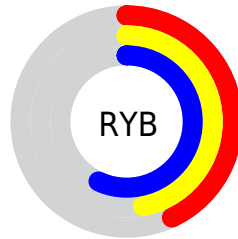
Distribution



Red (43%)

Green (49%)

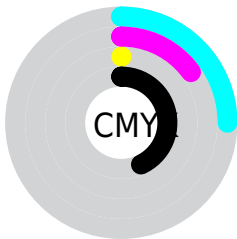
Blue (57%)



Red (43%)

Yellow (47%)

Blue (57%)

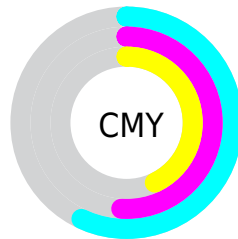


Cyan (25%)

Magenta (15%)

Yellow (0%)

Black (43%)



Cyan (57%)

Magenta (51%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.7418, 0.2732, 0.2884 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 19.7418, 0.2732, 0.2884 by changing the saturation by 10% instead.

■ 19.7418, 0.2732,
0.2884

■ 19.7418, 0.2732,
0.2884

■ 250.5139, 0.2956,
0.3114

■ 12.2075, 0.2666,
0.2815

■ 42.9839, 0.2821,
0.2975

■ 6.8852, 0.2573,
0.2720

■ 59.4604, 0.2852,
0.3007

■ 3.3904, 0.2434,
0.2576

■ 79.6865, 0.2877,
0.3033

■ 1.3388, 0.2207,
0.2341

■ 104.0465, 0.2898,
0.3055

■ 0.1709, 0.1044,
0.1154

■ 132.9249, 0.2916,
0.3073

■ 0.0000, 0.0000,
0.0000

166.7060, 0.2931,

0.3089

205.7742, 0.2944,
0.3102

■ 19.7418, 0.2732,
0.2884

■ 19.7418, 0.2732,
0.2884

■ 16.8127, 0.2566,
0.2694

■ 23.0176, 0.2894,
0.3058

■ 14.2153, 0.2398,
0.2489

■ 26.6495, 0.3048,
0.3214

■ 11.9372, 0.2235,
0.2271

■ 30.6494, 0.3194,
0.3353

■ 9.9640, 0.2081,
0.2047

■ 35.0281, 0.3330,
0.3476

■ 8.2800, 0.1944,
0.1823

■ 39.7957, 0.3456,
0.3585

■ 6.8675, 0.1828,
0.1605

■ 44.9620, 0.3572,
0.3680

■ 5.7047, 0.1737,
0.1402

■ 50.5364, 0.3679,
0.3764

■ 5.2260, 0.1698,
0.1312

■ 56.5281, 0.3777,
0.3837

■ 62.9458, 0.3866,
0.3900

Harmonies

Analogous

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



19.7418, 0.2647, 0.3000



19.7418, 0.2732, 0.2884



19.7418, 0.2922, 0.2875

Triad

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



19.7418, 0.2732, 0.2884



19.7418, 0.3592, 0.3347



19.7418, 0.3066, 0.3648

Complementary

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



19.7418, 0.2732, 0.2884



23.4394, 0.3553, 0.3665

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.



19.7418, 0.3321, 0.3742



19.7418, 0.2732, 0.2884



19.7418, 0.3631, 0.3553

Square

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



19.7418, 0.2732, 0.2884



19.7418, 0.3421, 0.3136



19.7418, 0.3530, 0.3701



19.7418, 0.2834, 0.3446

Rectangle

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



19.7418, 0.2732, 0.2884



19.7418, 0.3086, 0.2926



19.7418, 0.3530, 0.3701



19.7418, 0.3152, 0.3694

Sweetspot

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



19.7426, 0.2732, 0.2884



45.1475, 0.3005, 0.3171



25.4295, 0.2899, 0.3571



9.8438, 0.2984, 0.3150



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



19.7426, 0.2732, 0.2884



32.0360, 0.2645, 0.2786



16.4629, 0.2742, 0.2602



5.9963, 0.2989, 0.3155



4.6420, 0.1701, 0.1321



0.1122, 0.1930, 0.2148

Inverse Universe

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



18.5023, 0.3436, 0.3033



29.6760, 0.3521, 0.2977



27.4856, 0.3462, 0.3909



5.8521, 0.3223, 0.3201



5.6620, 0.5297, 0.2692



0.0749, 0.4288, 0.2136

Previews

White Background



This preview shows how the Yxy color 19.7418, 0.2732, 0.2884 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 19.7418, 0.2732, 0.2884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

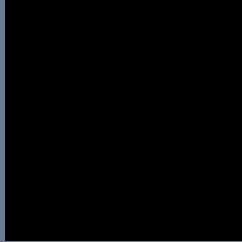
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

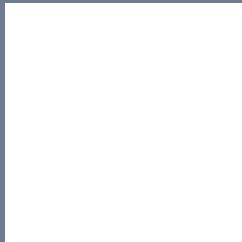
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.7418, 0.2732, 0.2884

Background



This preview shows how black text looks on a background with the Yxy color 19.7418, 0.2732, 0.2884.



This preview shows how white text looks on a background with the Yxy color 19.7418, 0.2732, 0.2884.

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

19.7418, 0.2732, 0.2884

Protanopia

19.7842, 0.2845, 0.2891

Deuteranopia

19.7505, 0.2868, 0.2811



Tritanopia

19.8251, 0.2809, 0.3099

Trichromacy



Original Color

19.7418, 0.2732, 0.2884

Protanomaly

19.8551, 0.2803, 0.2889

Deuteranomaly

19.6329, 0.2814, 0.2822

Tritanomaly

19.7488, 0.2780, 0.3008

Monochromacy



Original Color

19.7418, 0.2732, 0.2884

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.5865, 0.2968, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.7418, 0.2732, 0.2884 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, 124, 146)` looks like.

```
.text, #text, p{  
    color:rgb(109, 124, 146)  
}
```

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, 124, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 124, 146) }
```

Border

The CSS property to change the border of an element to Yxy 19.7418, 0.2732, 0.2884 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, 124, 146) }
```

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

```
.border{ border-color:rgb(109, 124, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 124, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 124, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 124, 146); box-shadow:4px 4px 4px 4px rgb(109, 124, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 19.7418, 0.2732, 0.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 124, 146) }
```

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

```
.background{ background-color: rgb(109,  
124, 146) }
```

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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