

Converting Colors

$Y_{xy}(17.0923, 0.2292, 0.2824)$

Have a look what the booklet for
Yxy(17.0923, 0.2292, 0.2824)
contains.

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Color

$Y_{xy}(17.0820, 0.2289, 0.2812)$

Conversions

Conversions Part 1

Format	Color
Hex	387B92
RGB	56, 123, 146
RGB Percent	22%, 48%, 57%
CMY	0.7801, 0.5177, 0.4274
CMYK	0.62, 0.16, 0.00, 0.43
HSL	195°, 45%, 40%
HSV	195°, 62%, 57%
XYZ	13.9049, 17.0820, 29.7599
YIQ	105.5890, -47.3150, -7.0510

Conversions

Conversions Part 2

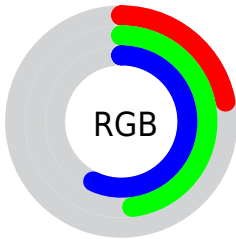
Format	Color
RYB	56, 94, 146
Decimal	3701650
CIELab	48.36, -13.97, -18.82
CIELCh	48, 23.439, 233.421
Yxy	17.0820, 0.2289, 0.2812
Android (android.graphics.Color)	4281891730 (0xFF387B92)
YUV	105.5890, 19.9226, -43.4896
Hunter-Lab	41.3304, -12.2747, -13.7604

Details

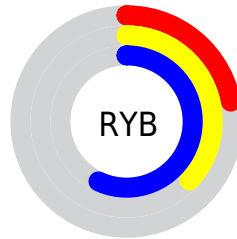
The Yxy color **17.0820, 0.2289, 0.2812** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.0006, 0.4711, 0.3678**, and the grayscale version is **14.2540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6655, 0.2478, 0.2936**, and **5.7238, 0.2058, 0.2610** is the 20% darker color. If you saturate the color by 10%, you get **15.8119, 0.2193, 0.2720**, and if you desaturate by 10%, it is **18.5115, 0.2401, 0.2902**.

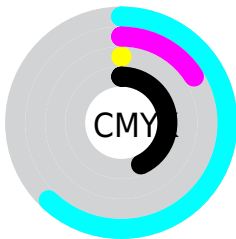
Distribution



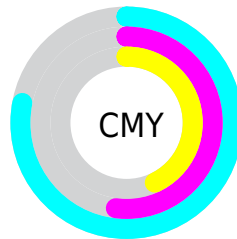
- Red (22%)
- Green (48%)
- Blue (57%)



- Red (22%)
- Yellow (37%)
- Blue (57%)



- Cyan (62%)
- Magenta (16%)
- Yellow (0%)
- Black (43%)



- Cyan (78%)
- Magenta (52%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.0820, 0.2289, 0.2812 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 17.0820, 0.2289, 0.2812 by changing the saturation by 10% instead.

■ 17.0820, 0.2289,
0.2812

■ 17.0820, 0.2289,
0.2812

■ 235.6445, 0.2763,
0.3097

■ 10.2930, 0.2150,
0.2721

■ 38.4667, 0.2476,
0.2929

■ 5.5936, 0.1959,
0.2588

■ 53.8312, 0.2541,
0.2969

■ 2.5996, 0.1682,
0.2382

■ 72.8229, 0.2595,
0.3001

■ 0.9265, 0.1190,
0.2046

■ 95.8263, 0.2640,
0.3027

■ 0.0000, 0.0000,
0.0000

■ 123.2258, 0.2677,
0.3049

155.4057, 0.2710,

0.3068

192.7505, 0.2738,
0.3084

■ 17.0820, 0.2289,
0.2812

■ 17.0820, 0.2289,
0.2812

■ 15.8119, 0.2193,
0.2720

■ 18.5115, 0.2401,
0.2902

■ 14.6878, 0.2115,
0.2626

■ 20.1086, 0.2527,
0.2988

■ 13.6972, 0.2056,
0.2533

■ 21.8829, 0.2663,
0.3070

■ 12.9382, 0.2016,
0.2455

■ 23.8429, 0.2806,
0.3146

■ 25.9963, 0.2954,
0.3216

■ 28.3504, 0.3103,
0.3280

■ 30.9119, 0.3252,
0.3338

■ 33.6873, 0.3398,
0.3390

■ 36.6829, 0.3540,
0.3436

Harmonies

Analogous

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



17.0820, 0.2382, 0.3192



17.0820, 0.2289, 0.2812



17.0820, 0.2397, 0.2597

Triad

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



17.0820, 0.2289, 0.2812



17.0820, 0.3581, 0.2958



17.0820, 0.3533, 0.4118

Complementary

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



17.0820, 0.2289, 0.2812



12.0006, 0.4711, 0.3678

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.



17.0820, 0.3889, 0.3975



17.0820, 0.2289, 0.2812



17.0820, 0.3930, 0.3305

Square

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



17.0820, 0.2289, 0.2812



17.0820, 0.3118, 0.2694



17.0820, 0.4042, 0.3670



17.0820, 0.3083, 0.4005

Rectangle

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



17.0820, 0.2289, 0.2812



17.0820, 0.2574, 0.2554



17.0820, 0.4042, 0.3670



17.0820, 0.3668, 0.4095

Sweetspot

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



17.0826, 0.2289, 0.2812



43.2499, 0.2854, 0.3169



21.9598, 0.2886, 0.4762



9.4055, 0.2815, 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.



17.0826, 0.2289, 0.2812



27.0897, 0.2160, 0.2683



8.4455, 0.2068, 0.1822



6.3136, 0.2990, 0.3232



11.4218, 0.2017, 0.2460



0.1871, 0.2137, 0.2892

Inverse Universe

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



10.3761, 0.3579, 0.2204



15.2814, 0.3719, 0.2047



20.6928, 0.4185, 0.4392



5.8841, 0.3174, 0.3127



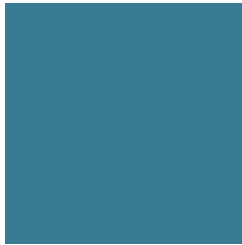
6.3464, 0.3962, 0.1956



0.0825, 0.3551, 0.1730

Previews

White Background



This preview shows how the Yxy color 17.0820, 0.2289, 0.2812 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 17.0820, 0.2289, 0.2812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

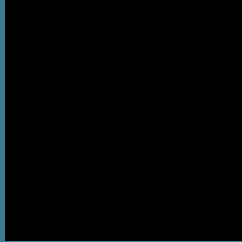
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 17.0820, 0.2289, 0.2812

Background



This preview shows how black text looks on a background with the Yxy color 17.0820, 0.2289, 0.2812.

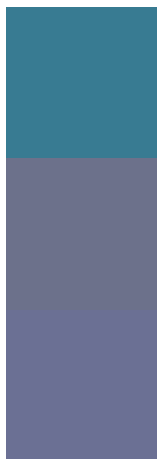


This preview shows how white text looks on a background with the Yxy color 17.0820, 0.2289, 0.2812.

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

17.0820, 0.2289, 0.2812

Protanopia

16.8625, 0.2773, 0.2791

Deuteranopia

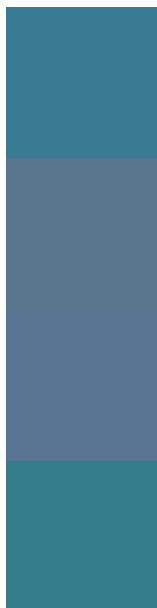
16.8523, 0.2670, 0.2616



Tritanopia

17.1203, 0.2346, 0.3072

Trichromacy



Original Color

17.0820, 0.2289, 0.2812

Protanomaly

16.7994, 0.2553, 0.2791

Deuteranomaly

16.6721, 0.2497, 0.2680

Tritanomaly

17.0363, 0.2324, 0.2969

Monochromacy



Original Color

17.0820, 0.2289, 0.2812

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

15.0435, 0.2730, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0820, 0.2289, 0.2812 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(56, 123, 146)` looks like.

```
.text, #text, p{  
    color:rgb(56, 123, 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(56, 123, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 123, 146) }
```

Border

The CSS property to change the border of an element to Yxy 17.0820, 0.2289, 0.2812 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(56, 123, 146) }
```

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

```
.border{ border-color:rgb(56, 123, 146) }
```

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

Here you see how a box with a 4 pixel rgb(56, 123, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 123, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 123, 146);  
box-shadow:4px 4px 4px 4px rgb(56, 123,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0820, 0.2289, 0.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 123, 146) }
```

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

```
.background{ background-color: rgb(56, 123,  
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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