

Converting Colors

$Y_{xy}(15.0293, 0.2737, 0.3123)$

Have a look what the booklet for
Yxy(15.0293, 0.2737, 0.3123)
contains.

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Color

Yxy(15.0191, 0.2740, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	587078
RGB	88, 112, 120
RGB Percent	35%, 44%, 47%
CMY	0.6550, 0.5607, 0.5294
CMYK	0.27, 0.07, 0.00, 0.53
HSL	195°, 15%, 41%
HSV	195°, 27%, 47%
XYZ	13.2068, 15.0191, 19.9741
YIQ	105.7360, -16.8720, -2.6000

Conversions

Conversions Part 2

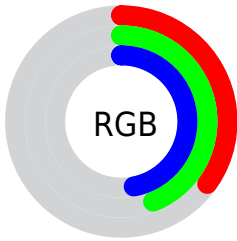
Format	Color
R_{YB}	88, 102, 120
Decimal	5795960
CIE _{Lab}	45.66, -6.80, -7.33
CIE _{LCh}	46, 10.000, 227.131
Yxy	15.0191, 0.2740, 0.3116
Android (android.graphics.Color)	4283986040 (0xFF587078)
YUV	105.7360, 7.0322, -15.5545
Hunter-Lab	38.7545, -6.9910, -3.4299

Details

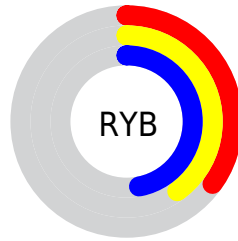
The Yxy color **15.0191, 0.2740, 0.3116** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0571, 0.3624, 0.3457**, and the grayscale version is **14.3198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0184, 0.2838, 0.3168**, and **4.6061, 0.2554, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **13.8315, 0.2603, 0.3041**, and if you desaturate by 10%, it is **16.3263, 0.2883, 0.3186**.

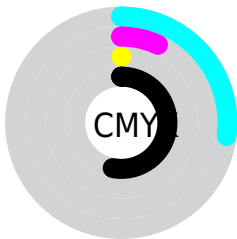
Distribution



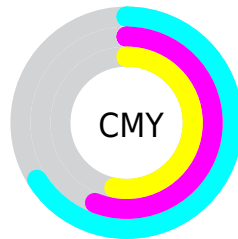
- Red (35%)
- Green (44%)
- Blue (47%)



- Red (35%)
- Yellow (40%)
- Blue (47%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (53%)



- Cyan (66%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.0191, 0.2740, 0.3116 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 15.0191, 0.2740, 0.3116 by changing the saturation by 10% instead.

■ 15.0191, 0.2740,
0.3116

■ 15.0191, 0.2740,
0.3116

■ 223.4818, 0.2967,
0.3222

■ 8.8328, 0.2668,
0.3080

■ 34.8867, 0.2833,
0.3160

■ 4.6323, 0.2562,
0.3027

■ 49.3367, 0.2864,
0.3175

■ 2.0332, 0.2395,
0.2938

■ 67.3102, 0.2890,
0.3187

■ 0.6266, 0.1892,
0.2761

■ 89.1914, 0.2911,
0.3196

■ 0.0000, 0.0000,
0.0000

■ 115.3648, 0.2928,
0.3204

146.2147, 0.2943,

0.3211

182.1256, 0.2956,
0.3217

■ 15.0191, 0.2740,
0.3116

■ 15.0191, 0.2740,
0.3116

■ 13.8315, 0.2603,
0.3041

■ 16.3263, 0.2883,
0.3186

■ 12.7568, 0.2474,
0.2961

■ 17.7559, 0.3029,
0.3250

■ 11.7902, 0.2356,
0.2877

■ 19.3129, 0.3175,
0.3309

■ 10.9260, 0.2253,
0.2790

■ 21.0013, 0.3320,
0.3361

■ 10.1576, 0.2166,
0.2701

■ 22.8250, 0.3462,
0.3408

■ 9.4777, 0.2097,
0.2612

■ 24.7877, 0.3600,
0.3450

■ 8.8706, 0.2043,
0.2523

■ 26.8931, 0.3732,
0.3487

■ 8.6769, 0.2026,
0.2493

■ 29.1445, 0.3859,
0.3519

■ 31.5452, 0.3979,
0.3548

Harmonies

Analogous

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



15.0191, 0.2807, 0.3297



15.0191, 0.2740, 0.3116



15.0191, 0.2772, 0.2991

Triad

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



15.0191, 0.2740, 0.3116



15.0191, 0.3291, 0.3108



15.0191, 0.3355, 0.3650

Complementary

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



15.0191, 0.2740, 0.3116



13.0571, 0.3624, 0.3457

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.



15.0191, 0.3492, 0.3584



15.0191, 0.2740, 0.3116



15.0191, 0.3456, 0.3271

Square

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



15.0191, 0.2740, 0.3116



15.0191, 0.3085, 0.2991



15.0191, 0.3531, 0.3443



15.0191, 0.3159, 0.3614

Rectangle

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



15.0191, 0.2740, 0.3116



15.0191, 0.2846, 0.2953



15.0191, 0.3531, 0.3443



15.0191, 0.3410, 0.3638

Sweetspot

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



15.0197, 0.2740, 0.3116



30.8349, 0.3007, 0.3241



16.3420, 0.3012, 0.3838



7.2288, 0.2988, 0.3233



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



15.0197, 0.2740, 0.3116



25.1177, 0.2656, 0.3071



11.8888, 0.2708, 0.2766



4.3511, 0.2994, 0.3235



9.4420, 0.2025, 0.2490



43.6379, 0.2012, 0.2444

Inverse Universe

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



12.1378, 0.3276, 0.2808



19.2716, 0.3318, 0.2695



16.1678, 0.3549, 0.3764



4.0612, 0.3171, 0.3131



5.1600, 0.3933, 0.1940



24.4725, 0.3979, 0.1965

Previews

White Background



This preview shows how the Yxy color 15.0191, 0.2740, 0.3116 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 15.0191, 0.2740, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

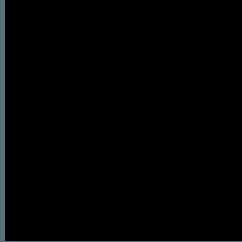
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 15.0191, 0.2740, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 15.0191, 0.2740, 0.3116.



This preview shows how white text looks on a background with the Yxy color 15.0191, 0.2740, 0.3116.

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

15.0191, 0.2740, 0.3116

Protanopia

14.9255, 0.3002, 0.3084

Deuteranopia

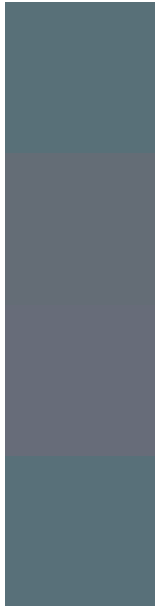
14.9284, 0.3020, 0.2969



Tritanopia

15.0435, 0.2730, 0.3095

Trichromacy



Original Color

15.0191, 0.2740, 0.3116

Protanomaly

14.9546, 0.2901, 0.3100

Deuteranomaly

14.9892, 0.2904, 0.3021

Tritanomaly

15.0435, 0.2730, 0.3095

Monochromacy



Original Color

15.0191, 0.2740, 0.3116

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.5255, 0.2970, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0191, 0.2740, 0.3116 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(88, 112, 120) looks like.

```
.text, #text, p{  
  color:rgb(88, 112, 120)  
}
```

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(88, 112, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 112, 120) }
```

Border

The CSS property to change the border of an element to Yxy 15.0191, 0.2740, 0.3116 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(88, 112, 120) }
```

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

```
.border{ border-color:rgb(88, 112, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 112, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 112, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 112, 120);  
box-shadow:4px 4px 4px 4px rgb(88, 112,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0191, 0.2740, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 112, 120) }
```

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

```
.background{ background-color: rgb(88, 112,  
120) }
```

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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