

Converting Colors

$Y_{xy}(10.7240, 0.2511, 0.3028)$

Have a look what the booklet for
Yxy(10.7240, 0.2511, 0.3028)
contains.

Yxy(10.7787, 0.2517, 0.3035)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(10.7787, 0.2517, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	3C626C
RGB	60, 98, 108
RGB Percent	24%, 38%, 42%
CMY	0.7646, 0.6157, 0.5765
CMYK	0.44, 0.09, 0.00, 0.58
HSL	193°, 29%, 33%
HSV	193°, 44%, 42%
XYZ	8.9390, 10.7787, 15.7969
YIQ	87.7780, -25.8580, -4.9460

Conversions

Conversions Part 2

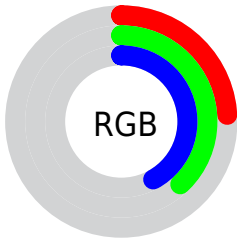
Format	Color
R_{YB}	60, 81, 108
Decimal	3957356
CIE _{Lab}	39.21, -10.57, -9.91
CIE _{LCh}	39, 14.491, 223.148
Yxy	10.7787, 0.2517, 0.3035
Android (android.graphics.Color)	4282147436 (0xFF3C626C)
YUV	87.7780, 9.9694, -24.3613
Hunter-Lab	32.8309, -8.8530, -5.5463

Details

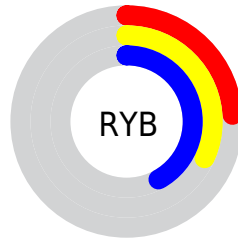
The Yxy color **10.7787, 0.2517, 0.3035** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7.8989, 0.4102, 0.3525**, and the grayscale version is **9.6915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.3131, 0.2676, 0.3118**, and **2.7562, 0.2188, 0.2836** is the 20% darker color. If you saturate the color by 10%, you get **10.0607, 0.2402, 0.2967**, and if you desaturate by 10%, it is **11.5781, 0.2643, 0.3100**.

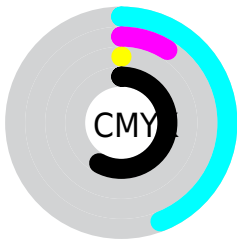
Distribution



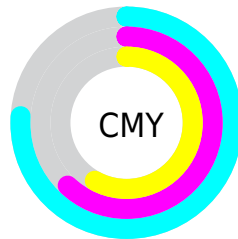
- Red (24%)
- Green (38%)
- Blue (42%)



- Red (24%)
- Yellow (32%)
- Blue (42%)



- Cyan (44%)
- Magenta (9%)
- Yellow (0%)
- Black (58%)



- Cyan (76%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.7787, 0.2517, 0.3035 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 10.7787, 0.2517, 0.3035 by changing the saturation by 10% instead.

■ 10.7787, 0.2517,
0.3035

■ 10.7787, 0.2517,
0.3035

■ 196.1429, 0.2889,
0.3199

■ 5.9182, 0.2391,
0.2973

■ 27.2502, 0.2673,
0.3107

■ 2.7954, 0.2200,
0.2874

■ 39.6300, 0.2725,
0.3130

■ 1.0259, 0.1867,
0.2696

■ 55.2851, 0.2766,
0.3148

■ 0.0000, 0.0000,
0.0000

■ 74.5998, 0.2800,
0.3162

■ 97.9586, 0.2828,
0.3173

■ 125.7457, 0.2851,

0.3183

158.3457, 0.2871,
0.3191

■ 10.7787, 0.2517,
0.3035

■ 10.7787, 0.2517,
0.3035

■ 10.0607, 0.2402,
0.2967

■ 11.5781, 0.2643,
0.3100

■ 9.4185, 0.2301,
0.2897

■ 12.4615, 0.2778,
0.3160

■ 8.8479, 0.2215,
0.2825

■ 13.4332, 0.2919,
0.3217

■ 8.3433, 0.2147,
0.2753

■ 14.4964, 0.3063,
0.3269

■ 7.8955, 0.2095,
0.2681

■ 15.6544, 0.3208,
0.3316

■ 7.6557, 0.2067,
0.2640

■ 16.9102, 0.3352,
0.3358

■ 18.2669, 0.3494,
0.3397

■ 19.7270, 0.3632,
0.3430

■ 21.2934, 0.3765,
0.3460

Harmonies

Analogous

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



10.7787, 0.2640, 0.3337



10.7787, 0.2517, 0.3035



10.7787, 0.2546, 0.2826

Triad

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



10.7787, 0.2517, 0.3035



10.7787, 0.3347, 0.2971



10.7787, 0.3527, 0.3869

Complementary

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



10.7787, 0.2517, 0.3035



7.8989, 0.4102, 0.3525

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.



10.7787, 0.3737, 0.3731



10.7787, 0.2517, 0.3035



10.7787, 0.3633, 0.3216

Square

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



10.7787, 0.2517, 0.3035



10.7787, 0.3011, 0.2803



10.7787, 0.3779, 0.3489



10.7787, 0.3216, 0.3844

Rectangle

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



10.7787, 0.2517, 0.3035



10.7787, 0.2649, 0.2759



10.7787, 0.3779, 0.3489



10.7787, 0.3612, 0.3839

Sweetspot

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



10.7791, 0.2517, 0.3035



23.7745, 0.2934, 0.3222



12.1243, 0.2964, 0.4318



5.6784, 0.2909, 0.3213



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



10.7791, 0.2517, 0.3035



17.6602, 0.2402, 0.2967



6.9979, 0.2413, 0.2395



3.3901, 0.2997, 0.3246



9.0921, 0.2065, 0.2634



45.0543, 0.2054, 0.2593

Inverse Universe

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



7.3045, 0.3364, 0.2455



10.9583, 0.3434, 0.2283



11.4508, 0.3872, 0.4042



3.1536, 0.3165, 0.3127



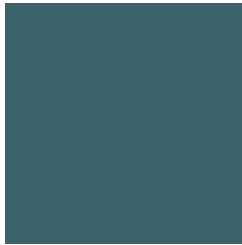
4.5902, 0.3792, 0.1862



23.2605, 0.3831, 0.1884

Previews

White Background



This preview shows how the Yxy color 10.7787, 0.2517, 0.3035 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 10.7787, 0.2517, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

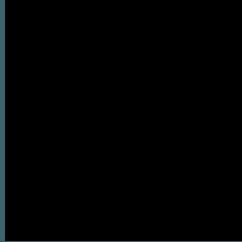
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

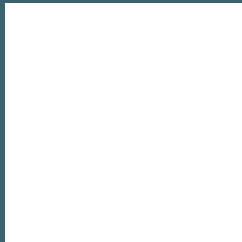
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 10.7787, 0.2517, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 10.7787, 0.2517, 0.3035.



This preview shows how white text looks on a background with the Yxy color 10.7787, 0.2517, 0.3035.

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

10.7787, 0.2517, 0.3035

Protanopia

10.6553, 0.2928, 0.2984

Deuteranopia

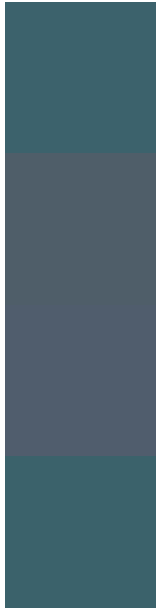
10.7134, 0.2876, 0.2831



Tritanopia

10.7058, 0.2527, 0.3084

Trichromacy



Original Color

10.7787, 0.2517, 0.3035

Protanomaly

10.6876, 0.2764, 0.3021

Deuteranomaly

10.6383, 0.2726, 0.2905

Tritanomaly

10.7267, 0.2517, 0.3059

Monochromacy



Original Color

10.7787, 0.2517, 0.3035

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

10.1002, 0.2874, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7787, 0.2517, 0.3035 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(60, 98, 108) looks like.

```
.text, #text, p{  
    color:rgb(60, 98, 108)  
}
```

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(60, 98, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 98, 108) }
```

Border

The CSS property to change the border of an element to Yxy 10.7787, 0.2517, 0.3035 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(60, 98, 108) }
```

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

```
.border{ border-color:rgb(60, 98, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 98, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 98, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 98, 108);  
box-shadow:4px 4px 4px 4px rgb(60, 98,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 10.7787, 0.2517, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 98, 108) }
```

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

```
.background{ background-color: rgb(60, 98,  
108) }
```

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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