

Converting Colors

YUV(83.3590, 12.1480,
-23.1168)

Have a look what the booklet for
YUV(83.3590, 12.1480, -23.1168)
contains.

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Color

**YUV(83.3590, 12.1480,
-23.1168)**

Conversions

Conversions Part 1

Format	Color
Hex	395C6C
RGB	57, 92, 108
RGB Percent	22%, 36%, 42%
CMY	0.7765, 0.6392, 0.5765
CMYK	0.47, 0.15, 0.00, 0.58
HSL	199°, 31%, 32%
HSV	199°, 47%, 42%
XYZ	8.2213, 9.6069, 15.6084
YIQ	83.3590, -25.9960, -2.4440

Conversions

Conversions Part 2

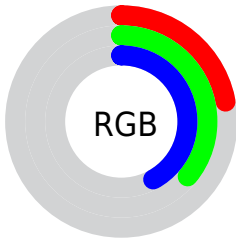
Format	Color
RYB	57, 78, 108
Decimal	3759212
CIELab	37.13, -7.87, -13.07
CIElCh	37, 15.260, 238.942
Yxy	9.6069, 0.2459, 0.2873
Android (android.graphics.Color)	4281949292 (0xFF395C6C)
YUV	83.3590, 12.1480, -23.1168
Hunter-Lab	30.9949, -6.8948, -8.1607

Details

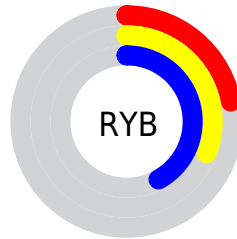
The YUV color **83.3590, 12.1480, -23.1168** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **81.6410, -12.1480, 23.1168**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.4730, 12.5848, -23.2168**, and **35.1520, 12.7431, -27.3203** is the 20% darker color. If you saturate the color by 10%, you get **78.3090, 14.6377, -28.3350**, and if you desaturate by 10%, it is **88.4090, 9.6584, -17.8987**.

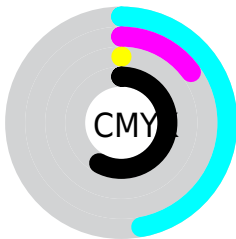
Distribution



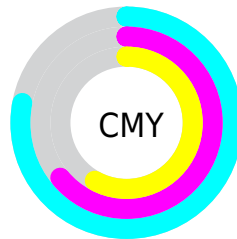
- Red (22%)
- Green (36%)
- Blue (42%)



- Red (22%)
- Yellow (31%)
- Blue (42%)



- Cyan (47%)
- Magenta (15%)
- Yellow (0%)
- Black (58%)



- Cyan (78%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.3590, 12.1480, -23.1168 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 YUV color 83.3590, 12.1480, -23.1168 by changing the saturation by 10% instead.

■ 83.3590, 12.1480,
-23.1168

■ 83.3590, 12.1480,
-23.1168

■ 255.0000, 0.0000,
0.0000

■ 59.0600, 12.2954,
-23.7316

■ 133.4730, 12.5848,
-23.2168

■ 35.1520, 12.7431,
-27.3203

■ 160.1740, 12.7322,
-23.8316

■ 19.7080, 9.5110,
-17.2839

■ 187.2880, 13.1690,
-23.9316

■ 2.6390, 7.5730,
-2.3144

■ 215.1030, 13.7532,
-24.6463

■ 0.0000, 0.0000,
0.0000

■ 241.5780, 6.6170,
-22.4319

■ 251.7110, 1.6215,

-6.7625

■ 83.3590, 12.1480,
-23.1168

■ 83.3590, 12.1480,
-23.1168

■ 78.3090, 14.6377,
-28.3350

■ 88.4090, 9.6584,
-17.8987

■ 72.6720, 17.4167,
-33.0383

■ 94.0460, 6.8793,
-13.1953

■ 67.9210, 19.7589,
-37.6417

■ 98.7970, 4.5371,
-8.5920

■ 62.2840, 22.5380,
-42.3451

■ 104.4340, 1.7580,
-3.8886

■ 57.2340, 25.0276,
-47.5632

■ 109.4840, -0.7316,
1.3295

■ 55.7500, 25.7592,
-48.8927

■ 114.5340, -3.2213,
6.5477

■ 120.1710, -6.0003,
11.2510

■ 124.9220, -8.3425,
15.8544

■ 129.9720,
-10.8322, 21.0726

Harmonies

Analogous

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



81.7130, 8.5225, -26.9353



83.3590, 12.1480, -23.1168



86.5390, 12.5523, -12.7507

Triad

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



83.3590, 12.1480, -23.1168



89.5940, -0.7858, 18.7731



85.4700, -9.5987, -1.2892

Complementary

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



83.3590, 12.1480, -23.1168



81.6410, -12.1480, 23.1168

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.



86.6670, -11.6678, 9.0620



83.3590, 12.1480, -23.1168



88.5250, -6.1748, 20.5876

Square

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



83.3590, 12.1480, -23.1168



89.7440, 5.0562, 11.6255



87.7650, -10.2371, 16.8691



83.9570, -4.9088, -12.2403

Rectangle

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



83.3590, 12.1480, -23.1168



87.8390, 10.9254, -4.2438



87.7650, -10.2371, 16.8691



85.8510, -10.7725, 1.8847

Sweetspot

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



83.3590, 12.1480, -23.1168



130.7970, 4.5371, -8.5920



88.6470, -8.2070, -27.7544



65.6510, 2.6371, -5.8329



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



83.3590, 12.1480, -23.1168



101.4050, 19.0273, -36.3122



68.6840, 19.3828, -10.2469



51.0320, 1.4632, -2.6591



60.8850, 27.6647, -53.3961



126.5460, 58.3978, -110.9808

Inverse Universe

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



76.2390, 7.7702, 27.8544



90.1900, 12.2313, 43.6834



96.3160, -19.3828, 10.2469



50.2500, 0.8628, 3.2887



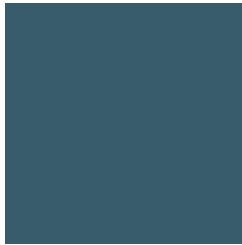
44.1030, 17.6972, 63.9307



92.4070, 37.2673, 133.8241

Previews

White Background



This preview shows how the YUV color 83.3590, 12.1480, -23.1168 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 ✓ Pass

Black Background



This preview shows how the YUV color 83.3590, 12.1480, -23.1168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

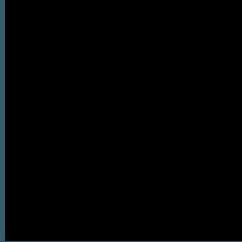
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.3590, 12.1480, -23.1168

Background



This preview shows how black text looks on a background with the YUV color 83.3590, 12.1480, -23.1168.



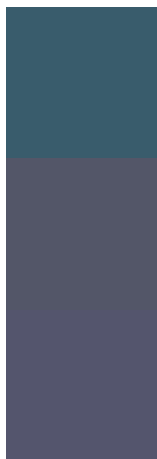
This preview shows how white text looks on a background with the YUV color 83.3590, 12.1480,

-23.1168.

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

83.3590, 12.1480, -23.1168

Protanopia

87.1550, 8.3046, -3.6439

Deuteranopia

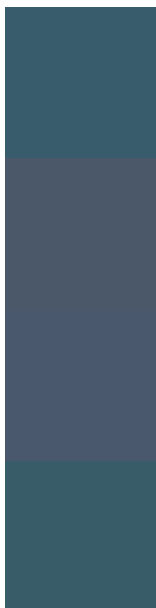
87.4370, 10.6306, -3.0142



Tritanopia

82.5500, 9.0959, -24.1613

Trichromacy



Original Color

83.3590, 12.1480, -23.1168

Protanomaly

85.7520, 9.4893, -10.3065

Deuteranomaly

86.2080, 11.2365, -10.7064

Tritanomaly

83.1910, 10.2588, -23.8465

Monochromacy



Original Color

83.3590, 12.1480, -23.1168

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0960, 4.3897, -7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3590, 12.1480, -23.1168 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(57, 92, 108)` looks like.

```
.text, #text, p{  
    color:rgb(57, 92, 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(57, 92, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 92, 108) }
```

Border

The CSS property to change the border of an element to YUV 83.3590, 12.1480, -23.1168 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(57, 92, 108) }
```


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

```
.border{ border-color:rgb(57, 92, 108) }
```

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

Here you see how a box with a 4 pixel rgb(57, 92, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 92, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 92, 108);  
box-shadow:4px 4px 4px 4px rgb(57, 92,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 83.3590, 12.1480, -23.1168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 92, 108) }
```

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

```
.background{ background-color: rgb(57, 92,  
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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