

Converting Colors

YUV(85.7520, 6.0383, -23.4615)

Have a look what the booklet for
YUV(85.7520, 6.0383, -23.4615)
contains.

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Color

**YUV(85.7520, 6.0383,
-23.4615)**

Conversions

Conversions Part 1

Format	Color
Hex	3B6162
RGB	59, 97, 98
RGB Percent	23%, 38%, 38%
CMY	0.7686, 0.6196, 0.6157
CMYK	0.40, 0.01, 0.00, 0.62
HSL	182°, 25%, 31%
HSV	182°, 40%, 38%
XYZ	8.2829, 10.3610, 13.1186
YIQ	85.7520, -22.9690, -7.7450

Conversions

Conversions Part 2

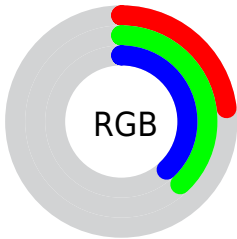
Format	Color
R_{YB}	59, 78, 98
Decimal	3891554
CIE _{Lab}	38.48, -13.16, -4.84
CIE _{LCh}	38, 14.027, 200.207
Yxy	10.3610, 0.2608, 0.3262
Android (android.graphics.Color)	4282081634 (0xFF3B6162)
YUV	85.7520, 6.0383, -23.4615
Hunter-Lab	32.1886, -10.3974, -1.6319

Details

The YUV color **85.7520, 6.0383, -23.4615** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **71.2480, -6.0383, 23.4615**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4530, 6.1857, -24.0763**, and **37.9690, 6.9173, -25.4058** is the 20% darker color. If you saturate the color by 10%, you get **82.7620, 7.5123, -29.6093**, and if you desaturate by 10%, it is **88.7420, 4.5642, -17.3137**.

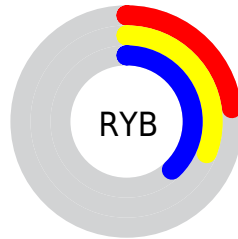
Distribution



Red (23%)

Green (38%)

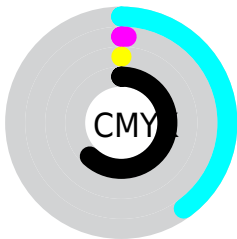
Blue (38%)



Red (23%)

Yellow (31%)

Blue (38%)

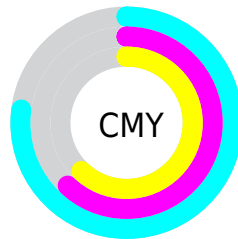


Cyan (40%)

Magenta (1%)

Yellow (0%)

Black (62%)



Cyan (77%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.7520, 6.0383, -23.4615 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 85.7520, 6.0383, -23.4615 by changing the saturation by 10% instead.

■ 85.7520, 6.0383,
-23.4615

■ 85.7520, 6.0383,
-23.4615

■ 255.0000, 0.0000,
0.0000

■ 61.7520, 6.0383,
-23.4615

■ 136.4530, 6.1857,
-24.0763

■ 37.9690, 6.9173,
-25.4058

■ 162.1540, 6.3331,
-24.6911

■ 21.1440, 4.8590,
-18.5433

■ 189.8550, 6.4805,
-25.3058

■ 0.5700, 2.1840,
-0.4999

■ 217.8550, 6.4805,
-25.3058

■ 0.0000, 0.0000,
0.0000

■ 243.6380, 5.6015,
-23.3615

■ 252.0100, 1.4741,

-6.1478

■ 85.7520, 6.0383,
-23.4615

■ 85.7520, 6.0383,
-23.4615

■ 82.7620, 7.5123,
-29.6093

■ 88.7420, 4.5642,
-17.3137

■ 79.1850, 9.2758,
-35.2422

■ 92.3190, 2.8007,
-11.6808

■ 76.4940, 10.6025,
-40.7752

■ 95.0100, 1.4741,
-6.1478

■ 73.5040, 12.0765,
-46.9230

■ 98.0000, 0.0000,
0.0000

■ 70.5140, 13.5506,
-53.0708

■ 100.9900, -1.4741,
6.1478

■ 66.9370, 15.3141,
-58.7037

■ 104.5670, -3.2375,
11.7807

■ 107.5570, -4.7116,
17.9285

■ 110.2480, -6.0383,
23.4615

■ 113.2380, -7.5123,
29.6093

Harmonies

Analogous

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



86.4770, -0.2352, -17.9583



85.7520, 6.0383, -23.4615



86.9030, 10.4008, -22.7169

Triad

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



85.7520, 6.0383, -23.4615



92.3630, 6.2300, 8.4516



90.7920, -11.2365, 10.7064

Complementary

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



85.7520, 6.0383, -23.4615



71.2480, -6.0383, 23.4615

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.



91.5200, -8.6374, 17.0840



85.7520, 6.0383, -23.4615



92.7400, 1.1142, 16.0140

Square

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



85.7520, 6.0383, -23.4615



91.3230, 10.1938, -2.9143



92.2690, -4.5696, 19.0581



89.0790, -9.8989, 1.6847

Rectangle

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



85.7520, 6.0383, -23.4615



88.2780, 11.6949, -17.7838



92.2690, -4.5696, 19.0581



90.7430, -10.2263, 13.3804

Sweetspot

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



85.7520, 6.0383, -23.4615



122.6290, 2.6479, -9.3216



82.0070, -10.8495, -20.1771



61.3090, 1.3267, -5.5330



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



85.7520, 6.0383, -23.4615



108.2880, 9.7180, -37.0866



74.5990, 11.5367, -13.6803



46.8040, 0.5896, -2.4591



76.7510, 17.3778, -67.3106



164.7180, 37.1140, -144.4577

Inverse Universe

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



74.9930, 10.8495, 20.1771



91.3780, 17.0686, 32.1175



82.4010, -11.5367, 13.6803



45.6520, 1.1576, 2.0592



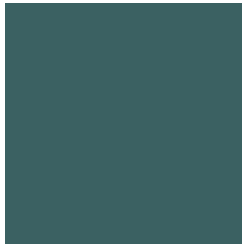
45.9140, 31.1014, 57.9574



98.4360, 66.8331, 124.1516

Previews

White Background



This preview shows how the YUV color 85.7520, 6.0383, -23.4615 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 YUV color 85.7520, 6.0383, -23.4615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

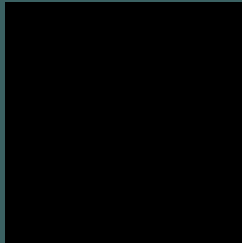
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.7520, 6.0383, -23.4615

Background



This preview shows how black text looks on a background with the YUV color 85.7520, 6.0383, -23.4615.



This preview shows how white text looks on a background with the YUV color 85.7520, 6.0383, -23.4615.

-23.4615.

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

85.7520, 6.0383, -23.4615

Protanopia

90.7550, 1.5998, 0.2149

Deuteranopia

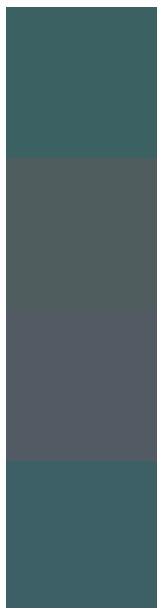
91.4610, 4.2097, 3.1037



Tritanopia

86.4470, 8.6536, -22.3170

Trichromacy



Original Color

85.7520, 6.0383, -23.4615

Protanomaly

89.0420, 2.9373, -8.8068

Deuteranomaly

89.2210, 4.8210, -6.3328

Tritanomaly

85.9200, 7.9274, -22.7318

Monochromacy



Original Color

85.7520, 6.0383, -23.4615

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.8140, 2.0637, -8.6069

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.7520, 6.0383, -23.4615 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(59, 97, 98)` looks like.

```
.text, #text, p{  
    color:rgb(59, 97, 98)  
}
```

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(59, 97, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 97, 98) }
```

Border

The CSS property to change the border of an element to YUV 85.7520, 6.0383, -23.4615 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(59, 97, 98) }
```


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

```
.border{ border-color:rgb(59, 97, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 97, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 97, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 97, 98);  
box-shadow:4px 4px 4px 4px rgb(59, 97, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.7520, 6.0383, -23.4615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 97, 98) }
```

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

```
.background{ background-color: rgb(59, 97,  
98) }
```

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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