

Converting Colors

YUV(123.7520, 6.0383,
-23.4615)

Have a look what the booklet for
YUV(123.7520, 6.0383, -23.4615)
contains.

YUV(123.7520, 6.0383, -23.4615)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(123.7520, 6.0383,
-23.4615)**

Conversions

Conversions Part 1

Format	Color
Hex	618788
RGB	97, 135, 136
RGB Percent	38%, 53%, 53%
CMY	0.6196, 0.4706, 0.4667
CMYK	0.29, 0.01, 0.00, 0.47
HSL	182°, 17%, 46%
HSV	182°, 29%, 53%
XYZ	18.0377, 21.6469, 26.5201
YIQ	123.7520, -22.9690, -7.7450

Conversions

Conversions Part 2

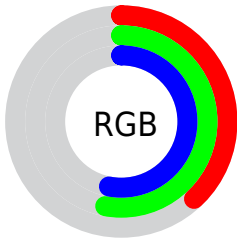
Format	Color
R_{YB}	97, 116, 136
Decimal	6391688
CIE _{Lab}	53.65, -12.88, -4.81
CIE _{LCh}	54, 13.755, 200.490
Yxy	21.6469, 0.2725, 0.3270
Android (android.graphics.Color)	4284581768 (0xFF618788)
YUV	123.7520, 6.0383, -23.4615
Hunter-Lab	46.5262, -12.2186, -1.2272




Details

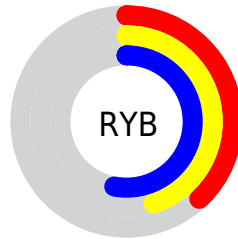
The YUV color **123.7520, 6.0383, -23.4615** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **109.2480, -6.0383, 23.4615**, and the grayscale version is **124.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **176.4530, 6.1857, -24.0763**, and **74.0510, 5.8909, -22.8467** is the 20% darker color. If you saturate the color by 10%, you get **119.5660, 8.1020, -32.0684**, and if you desaturate by 10%, it is **127.9380, 3.9746, -14.8546**.

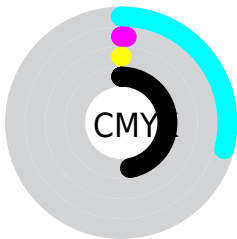
Distribution







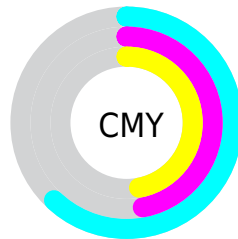
-  Red (38%)
-  Green (53%)
-  Blue (53%)






-  Red (38%)
-  Yellow (45%)
-  Blue (53%)



-  Cyan (29%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (62%)
-  Magenta (47%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.7520, 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 123.7520, 6.0383, -23.4615 by changing the saturation by 10% instead.

■ 123.7520, 6.0383,
-23.4615

■ 123.7520, 6.0383,
-23.4615

■ 255.0000, 0.0000,
0.0000

■ 98.7520, 6.0383,
-23.4615

■ 176.4530, 6.1857,
-24.0763

■ 74.0510, 5.8909,
-22.8467

■ 204.1540, 6.3331,
-24.6911

■ 50.7520, 6.0383,
-23.4615

■ 232.7410, 6.0437,
-25.2059

■ 28.1540, 6.3331,
-24.6911

■ 248.1230, 3.3904,
-14.1399

■ 14.1340, 3.3849,
-12.3955

■ 0.0000, 0.0000,
0.0000

■ 123.7520, 6.0383,
-23.4615

■ 123.7520, 6.0383,
-23.4615

■ 119.5660, 8.1020,
-32.0684

■ 127.9380, 3.9746,
-14.8546

■ 115.0920, 10.3076,
-39.5457

■ 132.4120, 1.7689,
-7.3773

■ 110.9060, 12.3713,
-48.1526

■ 136.5980, -0.2948,
1.2296

■ 107.0190, 14.2876,
-56.1447

■ 140.4850, -2.2111,
9.2217

■ 102.2460, 16.6407,
-64.2367

■ 145.2580, -4.5642,
17.3137

■ 98.0600, 18.7044,
-72.8436

■ 149.4440, -6.6279,
25.9206

■ 94.1730, 20.6207,
-80.8357


■ 153.3310, -8.5442,
33.9127

■ 93.5750, 20.9155,

■ 158.1040,

-82.0653

-10.8973, 42.0048

 161.9910,
-12.8136, 49.9969

Harmonies

Analogous

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



124.1780, -0.0878, -18.5731



123.7520, 6.0383, -23.4615



124.3160, 10.6902, -22.2021

Triad

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



123.7520, 6.0383, -23.4615



130.3630, 6.2300, 8.4516



128.0910, -11.3839, 11.3212

Complementary

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



123.7520, 6.0383, -23.4615



109.2480, -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.



129.0040, -9.3690, 18.4135



123.7520, 6.0383, -23.4615



130.3380, 0.8194, 17.2436

Square

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



123.7520, 6.0383, -23.4615



128.7360, 10.4832, -2.3995



129.8670, -4.8644, 20.2876



126.9650, -10.3357, 1.7847

Rectangle

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



123.7520, 6.0383, -23.4615



126.2780, 11.6949, -17.7838



129.8670, -4.8644, 20.2876



128.8140, -11.2473, 14.1951

Sweetspot

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



123.7520, 6.0383, -23.4615



171.2160, 2.3585, -9.8364



120.0070, -10.8495, -20.1771



86.0100, 1.4741, -6.1478



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



123.7520, 6.0383, -23.4615



156.8860, 9.4232, -35.8570



112.5990, 11.5367, -13.6803



66.9070, 1.0318, -4.3034



90.8850, 20.7627, -79.7061



3.5050, 0.7370, -3.0739

Inverse Universe

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



112.9930, 10.8495, 20.1771



140.5520, 16.4899, 31.0879



120.4010, -11.5367, 13.6803



64.8910, 2.0257, 3.6036



54.4730, 36.7418, 68.8682



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 123.7520, 6.0383, -23.4615 looks on a white 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

Black Background



This preview shows how the YUV color 123.7520, 6.0383, -23.4615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

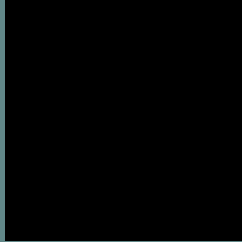
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.7520, 6.0383, -23.4615

Background



This preview shows how black text looks on a background with the YUV color 123.7520, 6.0383, -23.4615.



This preview shows how white text looks on a background with the YUV color 123.7520, 6.0383, -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

123.7520, 6.0383, -23.4615

Protanopia

128.0540, 1.4524, 0.8296

Deuteranopia

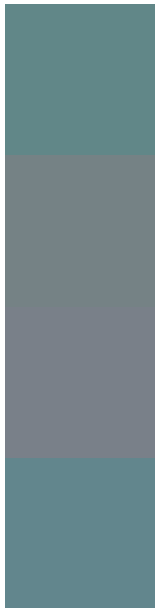
128.8850, 4.4937, 5.3629



Tritanopia

124.6750, 9.5272, -22.5170

Trichromacy



Original Color

123.7520, 6.0383, -23.4615

Protanomaly

126.4550, 3.2267, -8.2920

Deuteranomaly

126.9330, 4.9630, -5.2032

Tritanomaly

124.0340, 8.3642, -22.8318

Monochromacy



Original Color

123.7520, 6.0383, -23.4615

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.8140, 2.0637, -8.6069

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7520, 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(97, 135, 136)` looks like.

```
.text, #text, p{  
    color:rgb(97, 135, 136)  
}
```

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(97, 135, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 135, 136) }
```

Border

The CSS property to change the border of an element to YUV 123.7520, 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(97, 135, 136) }
```


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

```
.border{ border-color:rgb(97, 135, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 135, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 135, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 135, 136);  
box-shadow:4px 4px 4px 4px rgb(97, 135,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 123.7520, 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(97, 135, 136) }
```

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

```
.background{ background-color: rgb(97, 135,  
136) }
```

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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