

Converting Colors

YUV(157.2710, 15.6424,
-23.9167)

Have a look what the booklet for
YUV(157.2710, 15.6424, -23.9167)
contains.

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Color

**YUV(157.2710, 15.6424,
-23.9167)**

Conversions

Conversions Part 1

Format	Color
Hex	82A5BD
RGB	130, 165, 189
RGB Percent	51%, 65%, 74%
CMY	0.4902, 0.3529, 0.2588
CMYK	0.31, 0.13, 0.00, 0.26
HSL	204°, 31%, 63%
HSV	204°, 31%, 74%
XYZ	31.8464, 35.3302, 53.2850
YIQ	157.2710, -28.5640, 0.0440

Conversions

Conversions Part 2

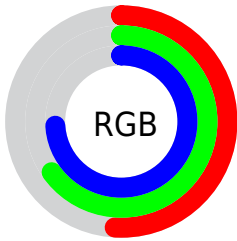
Format	Color
RYB	130, 152, 189
Decimal	8562109
CIELab	66.00, -6.19, -16.22
CIElCh	66, 17.362, 249.107
Yxy	35.3302, 0.2644, 0.2933
Android (android.graphics.Color)	4286752189 (0xFF82A5BD)
YUV	157.2710, 15.6424, -23.9167
Hunter-Lab	59.4392, -8.3819, -11.5438

Details

The YUV color $157.2710, 15.6424, -23.9167$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $161.7290, -15.6424, 23.9167$, and the grayscale version is $157.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $212.0860, 16.2266, -24.6314$, and $105.1570, 15.2056, -23.8167$ is the 20% darker color. If you saturate the color by 10%, you get $146.8940, 20.7583, -31.4790$, and if you desaturate by 10%, it is $167.6480, 10.5265, -16.3543$.

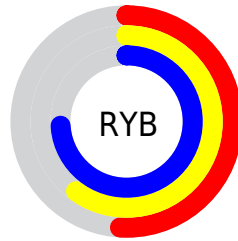
Distribution



Red (51%)

Green (65%)

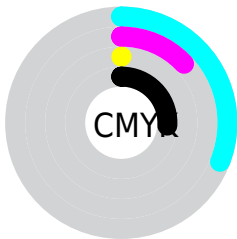
Blue (74%)



Red (51%)

Yellow (60%)

Blue (74%)

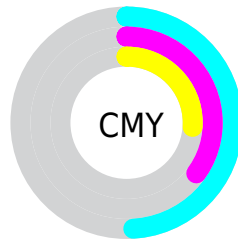


Cyan (31%)

Magenta (13%)

Yellow (0%)

Black (26%)



Cyan (49%)

Magenta (35%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.2710, 15.6424, -23.9167 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 157.2710, 15.6424, -23.9167 by changing the saturation by 10% instead.

■ 157.2710, 15.6424,
-23.9167

■ 157.2710, 15.6424,
-23.9167

255.0000, 0.0000,
0.0000

■ 131.1570, 15.2056,
-23.8167

■ 212.0860, 16.2266,
-24.6314

■ 105.1570, 15.2056,
-23.8167

■ 238.0340, 8.3642,
-22.8318

■ 80.6300, 14.4794,
-24.2315

■ 250.8140, 2.0637,
-8.6069

■ 56.3310, 14.6268,
-24.8463

■ 32.4230, 15.0745,
-28.4350

■ 18.1750, 11.2527,
-15.9395

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 157.2710, 15.6424,
-23.9167

■ 157.2710, 15.6424,
-23.9167

■ 146.8940, 20.7583,
-31.4790

■ 167.6480, 10.5265,
-16.3543

■ 137.1040, 25.5847,
-39.5562

■ 177.4380, 5.7001,
-8.2771

■ 126.7270, 30.7006,
-47.1186

■ 187.8150, 0.5842,
-0.7148

■ 116.3500, 35.8165,
-54.6809

■ 198.1920, -4.5317,
6.8476

■ 106.5600, 40.6429,
-62.7581

■ 207.9820, -9.3581,
14.9248

■ 96.4820, 45.6114,
-69.7057

■ 218.0600,
-14.3266, 21.8724

■ 87.2900, 50.1430,
-76.5533

■ 226.3440,
-18.4106, 25.1313

■ 231.0400,
-20.7257, 21.0129

■ 235.1490,
-22.7515, 17.4093

Harmonies

Analogous

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



154.6030, 12.0277, -31.2238



157.2710, 15.6424, -23.9167



160.2450, 15.1622, -9.8619

Triad

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



157.2710, 15.6424, -23.9167



162.9540, -3.4283, 26.3503



157.2090, -10.4560, -6.3223

Complementary

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



157.2710, 15.6424, -23.9167



161.7290, -15.6424, 23.9167

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.



159.5590, -14.5726, 7.4028



157.2710, 15.6424, -23.9167



161.8200, -10.2643, 25.5909

Square

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



157.2710, 15.6424, -23.9167



163.5600, 4.1609, 18.8029



161.0380, -14.3157, 18.3837



155.3690, -3.1399, -19.6176

Rectangle

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



157.2710, 15.6424, -23.9167



162.3280, 12.6563, 0.5893



161.0380, -14.3157, 18.3837



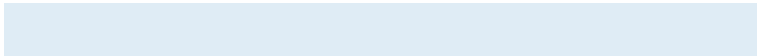
158.0740, -12.3615, -1.8189

Sweetspot

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



157.2710, 15.6424, -23.9167



233.1390, 5.8475, -8.8919



167.3690, -6.5909, -32.7726



115.1780, 3.3632, -5.4181



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



157.2710, 15.6424, -23.9167



196.0720, 24.1215, -36.8971



140.2480, 24.0347, -8.9875



89.5480, 2.1948, -3.9886



73.1900, 41.8113, -64.1876



14.1000, 8.3317, -12.3657

Inverse Universe

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



151.6310, 6.5909, 32.7726



187.3650, 10.1731, 50.5459



178.7520, -24.0347, 8.9875



88.3750, 1.2941, 4.9331



57.9580, 17.7687, 87.7368



11.3210, 3.2927, 17.2585

Previews

White Background



This preview shows how the YUV color 157.2710, 15.6424, -23.9167 looks on a white background.

Color Contrast Check

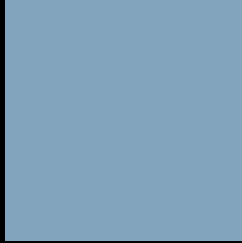
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 157.2710, 15.6424, -23.9167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

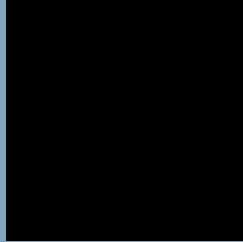
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.2710, 15.6424, -23.9167

Background



This preview shows how black text looks on a background with the YUV color 157.2710, 15.6424, -23.9167.



This preview shows how white text looks on a background with the YUV color 157.2710, 15.6424, -23.9167.

-23.9167.

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

157.2710, 15.6424, -23.9167

Protanopia

160.7680, 11.9464, -5.0585

Deuteranopia

161.1860, 14.6983, -1.0401



Tritanopia

156.8210, 11.4272, -25.2760

Trichromacy



Original Color

157.2710, 15.6424, -23.9167

Protanomaly

159.3650, 13.1311, -11.7211

Deuteranomaly

159.5440, 15.0148, -9.2471

Tritanomaly

156.8750, 12.8796, -24.4464

Monochromacy



Original Color

157.2710, 15.6424, -23.9167

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.1390, 5.8475, -8.8919

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.2710, 15.6424, -23.9167 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(130, 165, 189)` looks like.

```
.text, #text, p{  
    color:rgb(130, 165, 189)  
}
```

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(130, 165, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 165, 189) }
```

Border

The CSS property to change the border of an element to YUV 157.2710, 15.6424, -23.9167 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(130, 165, 189) }
```


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

```
.border{ border-color:rgb(130, 165, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 165, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 165, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 165, 189);  
box-shadow:4px 4px 4px 4px rgb(130, 165,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 157.2710, 15.6424, -23.9167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 165, 189) }
```

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

```
.background{ background-color: rgb(130,  
165, 189) }
```

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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