

Converting Colors

YUV(112.2750, 23.0354,
-15.1502)

Have a look what the booklet for
YUV(112.2750, 23.0354, -15.1502)
contains.

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Color

**YUV(112.2750, 23.0354,
-15.1502)**

Conversions

Conversions Part 1

Format	Color
Hex	5F709F
RGB	95, 112, 159
RGB Percent	37%, 44%, 62%
CMY	0.6275, 0.5608, 0.3765
CMYK	0.40, 0.30, 0.00, 0.38
HSL	224°, 25%, 50%
HSV	224°, 40%, 62%
XYZ	16.7715, 16.5244, 35.1065
YIQ	112.2750, -25.2190, 11.0130

Conversions

Conversions Part 2

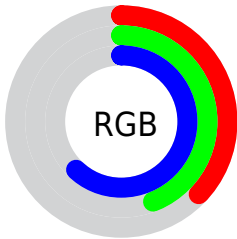
Format	Color
R _Y B	95, 108, 159
Decimal	6254751
CIE Lab	47.66, 6.07, -27.39
CIE LCh	48, 28.057, 282.493
Yxy	16.5244, 0.2452, 0.2416
Android (android.graphics.Color)	4284444831 (0xFF5F709F)
YUV	112.2750, 23.0354, -15.1502
Hunter-Lab	40.6503, 2.5076, -22.7490

Details

The YUV color **112.2750, 23.0354, -15.1502** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **141.7250, -23.0354, 15.1502**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9160, 24.1984, -14.8353**, and **63.5090, 21.4411, -17.1094** is the 20% darker color. If you saturate the color by 10%, you get **100.4470, 28.8666, -18.8090**, and if you desaturate by 10%, it is **124.1030, 17.2042, -11.4913**.

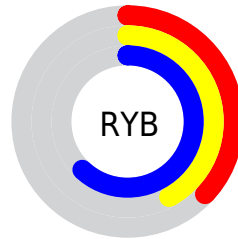
Distribution



Red (37%)

Green (44%)

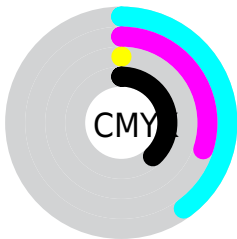
Blue (62%)



Red (37%)

Yellow (42%)

Blue (62%)

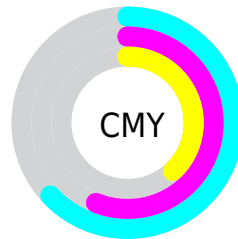


Cyan (40%)

Magenta (30%)

Yellow (0%)

Black (38%)



Cyan (63%)

Magenta (56%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.2750, 23.0354, -15.1502 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 112.2750, 23.0354, -15.1502 by changing the saturation by 10% instead.

■ 112.2750, 23.0354,
-15.1502

■ 112.2750, 23.0354,
-15.1502

■ 255.0000, 0.0000,
0.0000

■ 87.4490, 22.4566,
-16.1798

■ 164.9160, 24.1984,
-14.8353

■ 63.5090, 21.4411,
-17.1094

■ 192.0300, 24.6352,
-14.9353

■ 39.4870, 21.4519,
-20.5981

■ 217.7330, 18.3726,
-12.9208

■ 20.2270, 19.1151,
-17.7391

■ 243.4270, 5.7055,
-10.0215

■ 5.5060, 16.0195,
-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,

0.0000

■ 112.2750, 23.0354,
-15.1502

■ 112.2750, 23.0354,
-15.1502

■ 100.4470, 28.8666,
-18.8090

■ 124.1030, 17.2042,
-11.4913

■ 89.2060, 34.4084,
-22.9827

■ 135.3440, 11.6624,
-7.3177

■ 77.3780, 40.2396,
-26.6415

■ 147.1720, 5.8312,
-3.6588

■ 65.5500, 46.0709,
-30.3003

■ 159.0000, 0.0000,
0.0000

■ 54.6080, 51.4653,
-33.8592

■ 170.2410, -5.5418,
4.1736

■ 42.7800, 57.2965,
-37.5181

■ 181.7700,
-11.2256, 7.2177

■ 193.5980,
-17.0568, 10.8766

■ 204.8390,
-22.5986, 15.0502

■ 216.6670,
-28.4298, 18.7090

Harmonies

Analogous

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



104.0110, 26.6166, -43.8596



112.2750, 23.0354, -15.1502



115.6050, 15.9707, 10.8704

Triad

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



112.2750, 23.0354, -15.1502



113.8060, -15.6804, 36.1271



103.3840, -2.6543, -35.4168

Complementary

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



112.2750, 23.0354, -15.1502



141.7250, -23.0354, 15.1502

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.



107.6120, -15.0917, -12.8147



112.2750, 23.0354, -15.1502



112.7200, -22.0470, 24.8016

Square

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



112.2750, 23.0354, -15.1502



115.1620, -5.5029, 38.4459



110.6100, -21.9927, 7.3580



96.2420, 12.6987, -59.8482

Rectangle

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



112.2750, 23.0354, -15.1502



115.9720, 9.3808, 24.5806



110.6100, -21.9927, 7.3580



104.8750, -7.3334, -27.9544

Sweetspot

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



112.2750, 23.0354, -15.1502



188.3720, 9.1836, -5.5882



137.9260, 2.0085, -37.6461



94.0580, 5.3944, -3.5589



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



112.2750, 23.0354, -15.1502



134.2490, 35.8662, -23.8974



106.7810, 25.7440, 2.8231



73.0860, 2.9156, -1.8294



38.6080, 51.4653, -33.8592



4.0580, 5.3944, -3.5589

Inverse Universe

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



116.0740, -2.0085, 37.6461



139.9780, -2.9472, 58.7783



147.2190, -25.7440, -2.8231



73.6200, -0.3057, 4.7183



47.0890, -4.4809, 84.1139



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 112.2750, 23.0354, -15.1502 looks on a white background.

Color Contrast Check

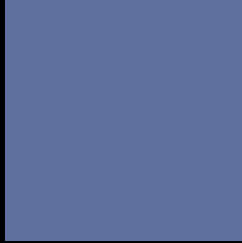
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.2750, 23.0354, -15.1502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

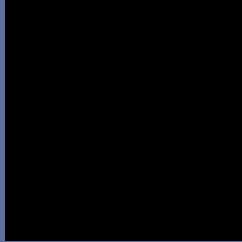
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

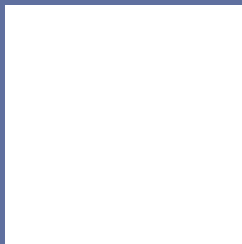
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 112.2750, 23.0354, -15.1502

Background



This preview shows how black text looks on a background with the YUV color 112.2750, 23.0354, -15.1502.



This preview shows how white text looks on a background with the YUV color 112.2750, 23.0354, -15.1502.

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

112.2750, 23.0354, -15.1502

Protanopia

112.4710, 22.4458, -12.6911

Deuteranopia

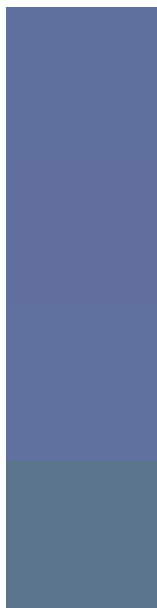
112.5740, 22.8880, -14.5354



Tritanopia

109.8710, 8.9376, -20.0579

Trichromacy



Original Color

112.2750, 23.0354, -15.1502

Protanomaly

112.1720, 22.5932, -13.3058

Deuteranomaly

112.5740, 22.8880, -14.5354

Tritanomaly

110.8480, 13.8789, -18.2837

Monochromacy



Original Color

112.2750, 23.0354, -15.1502

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1440, 8.3100, -5.3883

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.2750, 23.0354, -15.1502 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(95, 112, 159)` looks like.

```
.text, #text, p{  
    color:rgb(95, 112, 159)  
}
```

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(95, 112, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 112, 159) }
```

Border

The CSS property to change the border of an element to YUV 112.2750, 23.0354, -15.1502 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

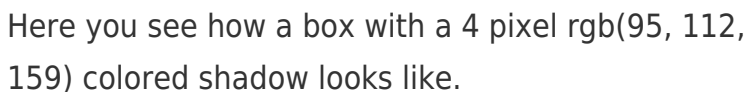
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 112, 159) }
```


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

```
.border{ border-color:rgb(95, 112, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(95, 112, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(95, 112, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(95, 112, 159); box-shadow:4px 4px 4px 4px rgb(95, 112, 159) }
```

Background

The CSS property to change the background color of an element to YUV 112.2750, 23.0354, -15.1502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 112, 159) }
```

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

```
.background{ background-color: rgb(95, 112,  
159) }
```

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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