

Converting Colors

YUV(81.3890, 23.4722,
-15.2502)

Have a look what the booklet for
YUV(81.3890, 23.4722, -15.2502)
contains.

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Color

**YUV(81.3890, 23.4722,
-15.2502)**

Conversions

Conversions Part 1

Format	Color
Hex	405181
RGB	64, 81, 129
RGB Percent	25%, 32%, 51%
CMY	0.7490, 0.6824, 0.4941
CMYK	0.50, 0.37, 0.00, 0.49
HSL	224°, 34%, 38%
HSV	224°, 50%, 51%
XYZ	9.0192, 8.5598, 21.9457
YIQ	81.3890, -25.5400, 11.3240

Conversions

Conversions Part 2

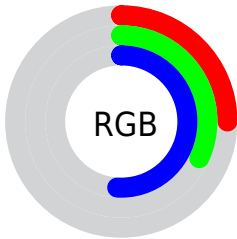
Format	Color
RYB	64, 77, 129
Decimal	4215169
CIELab	35.12, 7.70, -29.12
CIElCh	35, 30.122, 284.816
Yxy	8.5598, 0.2282, 0.2166
Android (android.graphics.Color)	4282405249 (0xFF405181)
YUV	81.3890, 23.4722, -15.2502
Hunter-Lab	29.2572, 3.8268, -23.9932

Details

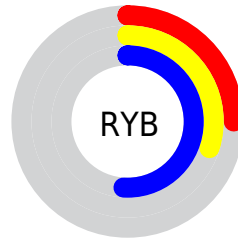
The YUV color **81.3890, 23.4722, -15.2502** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **111.6110, -23.4722, 15.2502**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.7420, 24.7772, -13.8057**, and **32.8180, 22.7677, -22.6424** is the 20% darker color. If you saturate the color by 10%, you get **71.6320, 28.2824, -18.0943**, and if you desaturate by 10%, it is **91.1460, 18.6620, -12.4060**.

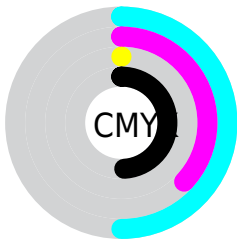
Distribution



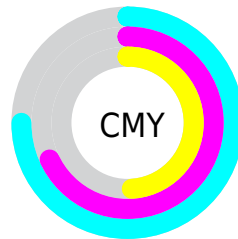
- Red (25%)
- Green (32%)
- Blue (51%)



- Red (25%)
- Yellow (30%)
- Blue (51%)



- Cyan (50%)
- Magenta (37%)
- Yellow (0%)
- Black (49%)



- Cyan (75%)
- Magenta (68%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.3890, 23.4722, -15.2502 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 81.3890, 23.4722, -15.2502 by changing the saturation by 10% instead.

■ 81.3890, 23.4722,
-15.2502

■ 81.3890, 23.4722,
-15.2502

■ 255.0000, 0.0000,
0.0000

■ 57.2640, 23.0408,
-16.8945

■ 131.7420, 24.7772,
-13.8057

■ 32.8180, 22.7677,
-22.6424

■ 157.9700, 25.6508,
-14.0057

■ 15.7760, 19.8304,
-13.8356

■ 185.0840, 26.0876,
-14.1057

■ 5.0500, 14.2723,
-4.4289

■ 211.2430, 21.5722,
-12.4911

■ 0.9120, 3.4944,
-0.7998

■ 236.9370, 8.9051,
-9.5917

■ 0.0000, 0.0000,
0.0000

■ 81.3890, 23.4722,
-15.2502

■ 81.3890, 23.4722,
-15.2502

■ 71.6320, 28.2824,
-18.0943

■ 91.1460, 18.6620,
-12.4060

■ 62.4620, 32.8032,
-21.4532

■ 100.3160, 14.1412,
-9.0471

■ 52.7050, 37.6134,
-24.2973

■ 110.0730, 9.3310,
-6.2030

■ 43.5350, 42.1342,
-27.6562

■ 119.2430, 4.8102,
-2.8441

■ 34.6640, 46.5076,
-30.4003

■ 129.0000, 0.0000,
0.0000

■ 137.8710, -4.3734,
2.7441

■ 147.6280, -9.1836,
5.5882

■ 156.7980,

-13.7044, 8.9472

■ 166.5550,
-18.5146, 11.7913

Harmonies

Analogous

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



66.9490, 30.5911, -58.7143



81.3890, 23.4722, -15.2502



85.5020, 15.5285, 12.7147

Triad

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



81.3890, 23.4722, -15.2502



82.0940, -15.8223, 34.9976



68.1270, 0.4304, -44.8384

Complementary

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



81.3890, 23.4722, -15.2502



111.6110, -23.4722, 15.2502

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.



76.1170, -14.3547, -15.8886



81.3890, 23.4722, -15.2502



81.2960, -22.3309, 22.5424

Square

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



81.3890, 23.4722, -15.2502



83.4610, -5.6503, 39.0607



79.1860, -22.2767, 5.0989



66.4810, 13.5669, -58.3038

Rectangle

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



81.3890, 23.4722, -15.2502



84.8690, 8.9386, 26.4249



79.1860, -22.2767, 5.0989



72.0100, -5.4279, -32.4578

Sweetspot

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



81.3890, 23.4722, -15.2502



149.9590, 8.8942, -6.1030



107.6270, 2.1559, -38.2609



73.0580, 5.3944, -3.5589



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



81.3890, 23.4722, -15.2502



94.3630, 36.3030, -23.9974



75.8950, 26.1808, 2.7231



58.9720, 2.4788, -1.7294



33.9630, 46.3602, -29.7856



0.0000, 0.0000, 0.0000

Inverse Universe

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



85.3730, -2.1559, 38.2609



100.2770, -3.0946, 59.3931



117.1050, -26.1808, -2.7231



59.3210, -0.1583, 4.1035



42.0340, -4.4538, 75.3922



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 81.3890, 23.4722, -15.2502 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 81.3890, 23.4722, -15.2502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

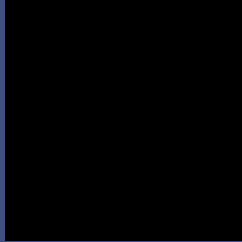
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.3890, 23.4722, -15.2502

Background



This preview shows how black text looks on a background with the YUV color 81.3890, 23.4722, -15.2502.



This preview shows how white text looks on a background with the YUV color 81.3890, 23.4722, -15.2502.

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

81.3890, 23.4722, -15.2502

Protanopia

81.6880, 23.3248, -14.6354

Deuteranopia

80.1820, 24.0673, -19.4536



Tritanopia

78.3330, 8.2168, -22.2170

Trichromacy



Original Color

81.3890, 23.4722, -15.2502

Protanomaly

81.6880, 23.3248, -14.6354

Deuteranomaly

80.7800, 23.7725, -18.2241

Tritanomaly

79.1360, 13.7370, -19.4133

Monochromacy



Original Color

81.3890, 23.4722, -15.2502

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1440, 8.3100, -5.3883

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.3890, 23.4722, -15.2502 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(64, 81, 129)` looks like.

```
.text, #text, p{  
    color:rgb(64, 81, 129)  
}
```

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(64, 81, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 81, 129) }
```

Border

The CSS property to change the border of an element to YUV 81.3890, 23.4722, -15.2502 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(64, 81, 129) }
```


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

```
.border{ border-color:rgb(64, 81, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 81, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 81, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 81, 129);  
box-shadow:4px 4px 4px 4px rgb(64, 81,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 81.3890, 23.4722, -15.2502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 81, 129) }
```

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

```
.background{ background-color: rgb(64, 81,  
129) }
```

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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