

Converting Colors

YUV(81.1010, 23.6142,
-14.1206)

Have a look what the booklet for
YUV(81.1010, 23.6142, -14.1206)
contains.

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Color

**YUV(81.1010, 23.6142,
-14.1206)**

Conversions

Conversions Part 1

Format	Color
Hex	415081
RGB	65, 80, 129
RGB Percent	25%, 31%, 51%
CMY	0.7451, 0.6863, 0.4941
CMYK	0.50, 0.38, 0.00, 0.49
HSL	226°, 33%, 38%
HSV	226°, 50%, 51%
XYZ	9.0111, 8.4461, 21.9242
YIQ	81.1010, -24.6690, 12.0590

Conversions

Conversions Part 2

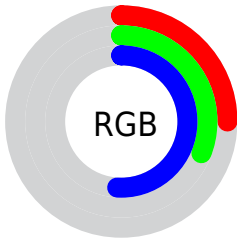
Format	Color
RYB	65, 77, 129
Decimal	4280449
CIELab	34.90, 8.61, -29.47
CIElCh	35, 30.707, 286.292
Yxy	8.4461, 0.2288, 0.2145
Android (android.graphics.Color)	4282470529 (0xFF415081)
YUV	81.1010, 23.6142, -14.1206
Hunter-Lab	29.0622, 4.4872, -24.3842

Details

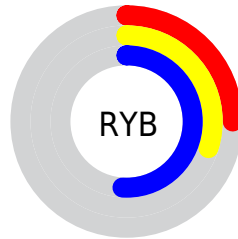
The YUV color **81.1010, 23.6142, -14.1206** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **112.8990, -23.6142, 14.1206**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.4540, 24.9192, -12.6762**, and **32.8290, 22.7623, -20.8980** is the 20% darker color. If you saturate the color by 10%, you get **71.3440, 28.4244, -16.9647**, and if you desaturate by 10%, it is **90.8580, 18.8040, -11.2765**.

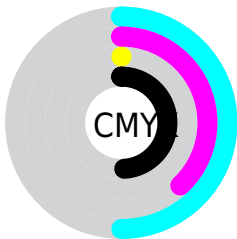
Distribution



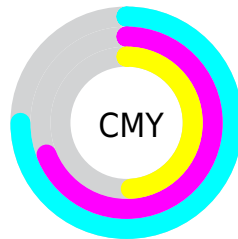
- Red (25%)
- Green (31%)
- Blue (51%)



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



- Cyan (50%)
- Magenta (38%)
- Yellow (0%)
- Black (49%)



- Cyan (75%)
- Magenta (69%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.1010, 23.6142, -14.1206 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 81.1010, 23.6142, -14.1206 by changing the saturation by 10% instead.

■ 81.1010, 23.6142,
-14.1206

■ 81.1010, 23.6142,
-14.1206

■ 255.0000, 0.0000,
0.0000

■ 56.9760, 23.1828,
-15.7650

■ 131.4540, 24.9192,
-12.6762

■ 32.8290, 22.7623,
-20.8980

■ 157.6820, 25.7928,
-12.8761

■ 15.1890, 20.1198,
-13.3208

■ 184.7960, 26.2296,
-12.9761

■ 5.0500, 14.2723,
-4.4289

■ 210.9550, 21.7142,
-11.3615

■ 0.9120, 3.4944,
-0.7998

■ 236.0620, 9.3364,
-7.9474

■ 0.0000, 0.0000,
0.0000

■ 81.1010, 23.6142,
-14.1206

■ 81.1010, 23.6142,
-14.1206

■ 71.3440, 28.4244,
-16.9647

■ 90.8580, 18.8040,
-11.2765

■ 61.5870, 33.2346,
-19.8088

■ 100.6150, 13.9938,
-8.4324

■ 51.8300, 38.0448,
-22.6529

■ 110.3720, 9.1836,
-5.5882

■ 42.0730, 42.8550,
-25.4970

■ 120.1290, 4.3734,
-2.7441

■ 33.2020, 47.2284,
-28.2412

■ 129.2990, -0.1474,
0.6148

■ 32.3160, 47.6652,
-28.3411

■ 138.7570, -4.8102,
2.8441

■ 148.5140, -9.6204,
5.6882

■ 158.2710,

-14.4306, 8.5323

 168.0280,
-19.2408, 11.3764

Harmonies

Analogous

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



66.3620, 30.8805, -58.1995



81.1010, 23.6142, -14.1206



84.5130, 15.5231, 14.4591

Triad

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



81.1010, 23.6142, -14.1206



81.8660, -16.6959, 35.1975



65.8490, 2.0464, -49.8566

Complementary

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



81.1010, 23.6142, -14.1206



112.8990, -23.6142, 14.1206

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.



75.5190, -14.0599, -17.1182



81.1010, 23.6142, -14.1206



80.7690, -23.0571, 22.1276

Square

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



81.1010, 23.6142, -14.1206



82.6460, -6.2345, 39.7755



78.4740, -22.4187, 3.9693



66.0080, 14.2931, -57.8890

Rectangle

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



81.1010, 23.6142, -14.1206



84.4670, 8.6438, 27.6544



78.4740, -22.4187, 3.9693



70.8140, -4.8383, -34.9169

Sweetspot

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



81.1010, 23.6142, -14.1206



149.3720, 9.1836, -5.5882



108.0400, 2.4453, -37.7461



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.



81.1010, 23.6142, -14.1206



92.6020, 37.1712, -22.4530



77.0800, 25.5966, 3.4378



58.9720, 2.4788, -1.7294



32.2020, 47.2284, -28.2412



0.0000, 0.0000, 0.0000

Inverse Universe

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



85.8460, -2.8821, 37.8461



99.9350, -4.4050, 59.6930



116.9200, -25.5966, -3.4378



59.3210, -0.1583, 4.1035



41.6920, -5.7642, 75.6921



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 81.1010, 23.6142, -14.1206 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 81.1010, 23.6142, -14.1206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

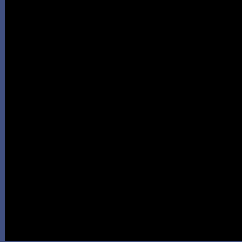
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.1010, 23.6142, -14.1206

Background



This preview shows how black text looks on a background with the YUV color 81.1010, 23.6142, -14.1206.



This preview shows how white text looks on a background with the YUV color 81.1010, 23.6142,

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

81.1010, 23.6142, -14.1206

Protanopia

80.8020, 23.7616, -14.7354

Deuteranopia

79.8830, 24.2147, -20.0684



Tritanopia

77.9310, 7.9220, -20.9875

Trichromacy



Original Color

81.1010, 23.6142, -14.1206

Protanomaly

80.8020, 23.7616, -14.7354

Deuteranomaly

80.1930, 24.0619, -17.7093

Tritanomaly

78.8480, 13.8789, -18.2837

Monochromacy



Original Color

81.1010, 23.6142, -14.1206

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 81.1010, 23.6142, -14.1206 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(65, 80, 129)` looks like.

```
.text, #text, p{  
    color:rgb(65, 80, 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(65, 80, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 80, 129) }
```

Border

The CSS property to change the border of an element to YUV 81.1010, 23.6142, -14.1206 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(65, 80, 129) }
```


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

```
.border{ border-color:rgb(65, 80, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 80, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 80, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 80, 129);  
box-shadow:4px 4px 4px 4px rgb(65, 80,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 81.1010, 23.6142, -14.1206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 80, 129) }
```

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

```
.background{ background-color: rgb(65, 80,  
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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