

Converting Colors

YUV(64.1730, 54.6377,
-24.7077)

Have a look what the booklet for
YUV(64.1730, 54.6377, -24.7077)
contains.

YUV(64.1730, 54.6377, -24.7077)	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(64.1730, 54.6377,
-24.7077)**

Conversions

Conversions Part 1

Format	Color
Hex	2439AF
RGB	36, 57, 175
RGB Percent	14%, 22%, 69%
CMY	0.8588, 0.7765, 0.3137
CMYK	0.79, 0.67, 0.00, 0.31
HSL	231°, 66%, 41%
HSV	231°, 79%, 69%
XYZ	9.9285, 6.3965, 41.2688
YIQ	64.1730, -50.3940, 32.2460

Conversions

Conversions Part 2

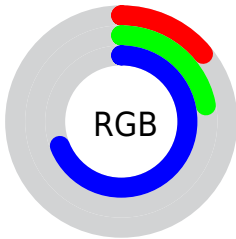
Format	Color
R_YB	36, 54, 175
Decimal	2374063
CIE _{Lab}	30.39, 35.52, -64.75
CIE _{LCh}	30, 73.854, 298.744
Yxy	6.3965, 0.1724, 0.1111
Android (android.graphics.Color)	4280564143 (0xFF2439AF)
YUV	64.1730, 54.6377, -24.7077
Hunter-Lab	25.2912, 25.8138, -79.0421

Details

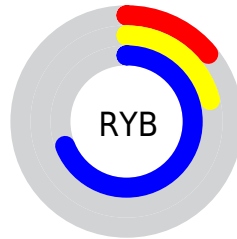
The YUV color **64.1730, 54.6377, -24.7077** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **146.8270, -54.6377, 24.7077**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.8910, 55.7627, -12.1824**, and **23.1860, 48.2223, -20.3341** is the 20% darker color. If you saturate the color by 10%, you get **49.9860, 61.6319, -28.0517**, and if you desaturate by 10%, it is **78.3600, 47.6435, -21.3637**.

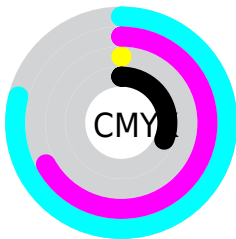
Distribution



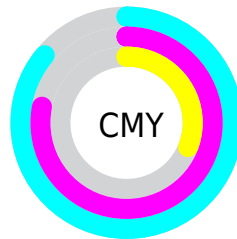
- Red (14%)
- Green (22%)
- Blue (69%)



- Red (14%)
- Yellow (21%)
- Blue (69%)



- Cyan (79%)
- Magenta (67%)
- Yellow (0%)
- Black (31%)



- Cyan (86%)
- Magenta (78%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.1730, 54.6377, -24.7077 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 64.1730, 54.6377, -24.7077 by changing the saturation by 10% instead.

■ 64.1730, 54.6377,
-24.7077

■ 64.1730, 54.6377,
-24.7077

■ 255.0000, 0.0000,
0.0000

■ 37.4170, 54.5174,
-32.8147

■ 118.8910, 55.7627,
-12.1824

■ 23.1860, 48.2223,
-20.3341

■ 145.1580, 54.1521,
-8.9086

■ 10.9440, 41.9326,
-9.5979

■ 169.3900, 42.2057,
-3.8500

■ 12.7900, 28.6975,
-11.2168

■ 193.9100, 30.1174,
0.0789

■ 7.7060, 19.3719,
-6.7582

■ 219.3160, 17.5922,
4.1079

■ 3.5510, 11.0674,
-3.1142

■ 245.0210, 4.9196,

■ 0.0000, 0.0000,

8.7516

0.0000

■ 64.1730, 54.6377,
-24.7077

■ 64.1730, 54.6377,
-24.7077

■ 49.9860, 61.6319,
-28.0517

■ 78.3600, 47.6435,
-21.3637

■ 36.0980, 68.4787,
-30.7809

■ 92.2480, 40.7967,
-18.6345

■ 35.2120, 68.9155,
-30.8809

■ 106.4350, 33.8025,
-15.2905

■ 119.7360, 27.2452,
-12.0465

■ 133.9230, 20.2510,
-8.7025

■ 147.8110, 13.4042,
-5.9732

■ 161.9980, 6.4100,
-2.6292

■ 175.8860, -0.4368,
0.1000

■ 190.0730, -7.4310,
3.4440

Harmonies

Analogous

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



69.2070, 59.5509, -60.6945



64.1730, 54.6377, -24.7077



55.2280, 38.3416, 69.0830

Triad

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



64.1730, 54.6377, -24.7077



62.6600, -30.8914, 61.6882



61.7560, 3.0783, -54.1600

Complementary

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



64.1730, 54.6377, -24.7077



146.8270, -54.6377, 24.7077

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.



52.8300, -26.0452, -46.3319



64.1730, 54.6377, -24.7077



67.7120, -33.3820, 20.4236

Square

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



64.1730, 54.6377, -24.7077



50.2340, -14.4124, 96.2648



56.7940, -27.9994, -26.1293



68.9550, 28.1232, -60.4735

Rectangle

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



64.1730, 54.6377, -24.7077



58.1860, 18.6423, 87.5369



56.7940, -27.9994, -26.1293



59.3620, -6.0945, -52.0605

Sweetspot

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



64.1730, 54.6377, -24.7077



183.5530, 21.4194, -10.1320



130.8170, 10.4432, -83.1545



88.3980, 13.1148, -6.4880



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



64.1730, 54.6377, -24.7077



54.9950, 84.7985, -38.5836



65.6000, 53.9342, 14.3828



79.6130, 3.6418, -1.4146



30.6010, 58.8637, -26.8371



4.3830, 9.1782, -3.8439

Inverse Universe

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



79.9550, -11.3168, 83.3545



79.3460, -17.4256, 129.4926



145.4000, -53.9342, -14.3828



80.8050, -0.8899, 5.4330



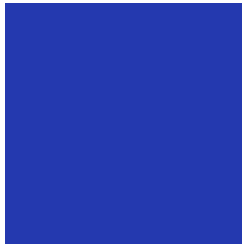
47.4720, -12.0647, 89.9171



7.2190, -2.0800, 13.8399

Previews

White Background



This preview shows how the YUV color 64.1730, 54.6377, -24.7077 looks on a white background.

Color Contrast Check

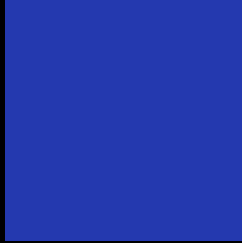
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.1730, 54.6377, -24.7077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

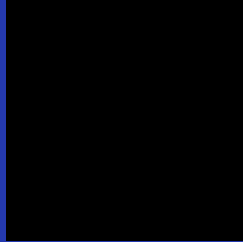
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.1730, 54.6377, -24.7077

Background



This preview shows how black text looks on a background with the YUV color 64.1730, 54.6377, -24.7077.



This preview shows how white text looks on a background with the YUV color 64.1730, 54.6377, -24.7077.

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

64.1730, 54.6377, -24.7077

Protanopia

57.0330, 43.3677, -50.0179

Deuteranopia

56.9870, 33.0374, -49.9776



Tritanopia

55.9490, 13.8291, -49.0673

Trichromacy



Original Color

64.1730, 54.6377, -24.7077

Protanomaly

59.8260, 47.4138, -41.0664

Deuteranomaly

59.5180, 41.1566, -40.7963

Tritanomaly

58.9020, 28.6423, -40.2561

Monochromacy



Original Color

64.1730, 54.6377, -24.7077

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.8090, 19.8142, -8.6025

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.1730, 54.6377, -24.7077 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(36, 57, 175)` looks like.

```
.text, #text, p{  
    color:rgb(36, 57, 175)  
}
```

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(36, 57, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 57, 175) }
```

Border

The CSS property to change the border of an element to YUV 64.1730, 54.6377, -24.7077 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(36, 57, 175) }
```


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

```
.border{ border-color:rgb(36, 57, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 57, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 57, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 57, 175);  
box-shadow:4px 4px 4px 4px rgb(36, 57,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 64.1730, 54.6377, -24.7077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 57, 175) }
```

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

```
.background{ background-color: rgb(36, 57,  
175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor