

Converting Colors

YUV(74.2640, 53.1138,
-49.3435)

Have a look what the booklet for
YUV(74.2640, 53.1138, -49.3435)
contains.

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Color

**YUV(74.2640, 53.1138,
-49.3435)**

Conversions

Conversions Part 1

Format	Color
Hex	1252B6
RGB	18, 82, 182
RGB Percent	7%, 32%, 71%
CMY	0.9294, 0.6784, 0.2863
CMYK	0.90, 0.55, 0.00, 0.29
HSL	217°, 82%, 39%
HSV	217°, 90%, 71%
XYZ	11.7102, 9.5406, 45.4803
YIQ	74.2640, -70.2440, 17.5320

Conversions

Conversions Part 2

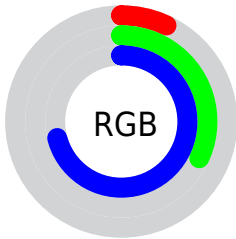
Format	Color
R _Y B	18, 64, 182
Decimal	1200822
CIE Lab	37.00, 20.33, -58.12
CIE LCh	37, 61.568, 289.279
Yxy	9.5406, 0.1755, 0.1430
Android (android.graphics.Color)	4279390902 (0xFF1252B6)
YUV	74.2640, 53.1138, -49.3435
Hunter-Lab	30.8878, 13.6195, -65.6791

Details

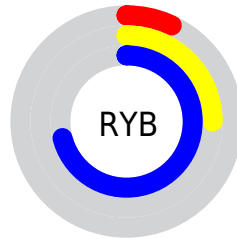
The YUV color **74.2640, 53.1138, -49.3435** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **125.7360, -53.1138, 49.3435**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1460, 52.1860, -31.7000**, and **37.4850, 44.6239, -32.8743** is the 20% darker color. If you saturate the color by 10%, you get **62.4250, 58.9505, -54.7467**, and if you desaturate by 10%, it is **86.1030, 47.2772, -43.9403**.

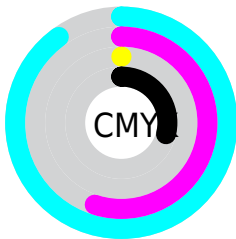
Distribution



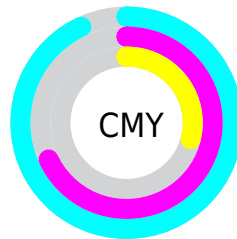
- Red (7%)
- Green (32%)
- Blue (71%)



- Red (7%)
- Yellow (25%)
- Blue (71%)



- Cyan (90%)
- Magenta (55%)
- Yellow (0%)
- Black (29%)



- Cyan (93%)
- Magenta (68%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.2640, 53.1138, -49.3435 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 74.2640, 53.1138, -49.3435 by changing the saturation by 10% instead.

■ 74.2640, 53.1138,
-49.3435

■ 74.2640, 53.1138,
-49.3435

■ 255.0000, 0.0000,
0.0000

■ 52.8900, 50.3402,
-46.3845

■ 133.1460, 52.1860,
-31.7000

■ 37.4850, 44.6239,
-32.8743

■ 159.5010, 47.0810,
-27.6264

■ 23.9550, 38.4762,
-21.0085

■ 183.7330, 35.1346,
-22.5678

■ 11.2400, 32.9127,
-9.8575

■ 209.1390, 22.6095,
-18.5389

■ 9.0910, 22.1401,
-7.9728

■ 234.5450, 10.0843,
-14.5100

■ 4.7080, 12.9620,
-4.1289

■ 252.9070, 1.0318,

■ 0.3420, 1.3104,

-4.3034

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 74.2640, 53.1138,
-49.3435

■ 74.2640, 53.1138,
-49.3435

■ 62.4250, 58.9505,
-54.7467

■ 86.1030, 47.2772,
-43.9403

■ 97.9420, 41.4406,
-38.5371

■ 110.0800, 35.4566,
-32.5192

■ 121.9190, 29.6199,
-27.1160

■ 133.7580, 23.7833,
-21.7128

■ 146.1840, 17.6573,
-16.8244

■ 158.0230, 11.8207,
-11.4212

■ 170.1610, 5.8366,
-5.4032

■ 182.0000, 0.0000,
0.0000

Harmonies

Analogous

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



79.3170, 52.5947, -69.5610



74.2640, 53.1138, -49.3435



87.7000, 32.1929, 34.4661

Triad

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



74.2640, 53.1138, -49.3435



78.3140, -36.1438, 66.3766



70.4470, -1.6994, -61.7820

Complementary

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



74.2640, 53.1138, -49.3435



125.7360, -53.1138, 49.3435

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.



61.3730, -26.3129, -53.8241



74.2640, 53.1138, -49.3435



82.5520, -40.6981, 33.7189

Square

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



74.2640, 53.1138, -49.3435



70.0680, -5.9495, 88.5174



78.2010, -38.5531, -1.0533



76.9620, 20.7247, -67.4957

Rectangle

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



74.2640, 53.1138, -49.3435



79.4500, 21.4701, 67.1343



78.2010, -38.5531, -1.0533



67.8080, -9.2723, -59.4676

Sweetspot

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



74.2640, 53.1138, -49.3435



194.9710, 20.7203, -19.2686



125.4400, -4.6539, -94.2249



94.2510, 12.6943, -11.6211



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



74.2640, 53.1138, -49.3435



81.6090, 76.6078, -71.5711



41.4800, 69.2764, -6.5600



85.7870, 3.0630, -2.4442



53.5910, 50.4876, -46.9993



9.6490, 9.0470, -8.4622

Inverse Universe

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



74.3320, 3.7803, 94.4248



81.4650, 5.6868, 136.4042



158.5200, -69.2764, 6.5600



86.0330, -0.0163, 5.2331



53.5980, 3.6492, 89.8066



9.6260, 0.6774, 16.1140

Previews

White Background



This preview shows how the YUV color 74.2640, 53.1138, -49.3435 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 74.2640, 53.1138, -49.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

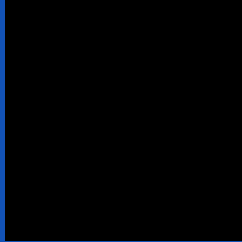
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.2640, 53.1138, -49.3435

Background



This preview shows how black text looks on a background with the YUV color 74.2640, 53.1138, -49.3435.



This preview shows how white text looks on a background with the YUV color 74.2640, 53.1138,

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

74.2640, 53.1138, -49.3435

Protanopia

69.6000, 53.4412, -61.0392

Deuteranopia

69.6850, 41.0743, -61.1137



Tritanopia

67.9800, 16.7719, -59.6185

Trichromacy



Original Color

74.2640, 53.1138, -49.3435

Protanomaly

71.2200, 53.1355, -56.3209

Deuteranomaly

71.2710, 45.7154, -56.3657

Tritanomaly

70.4440, 29.8541, -55.6404

Monochromacy



Original Color

74.2640, 53.1138, -49.3435

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.2270, 19.1151, -17.7391

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.2640, 53.1138, -49.3435 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(18, 82, 182)` looks like.

```
.text, #text, p{  
    color:rgb(18, 82, 182)  
}
```

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(18, 82, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 82, 182) }
```

Border

The CSS property to change the border of an element to YUV 74.2640, 53.1138, -49.3435 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(18, 82, 182) }
```


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

```
.border{ border-color:rgb(18, 82, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 82, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 82, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 82, 182);  
box-shadow:4px 4px 4px 4px rgb(18, 82,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 74.2640, 53.1138, -49.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 82, 182) }
```

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

```
.background{ background-color: rgb(18, 82,  
182) }
```

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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