

Converting Colors

YUV(74.2250, 18.6231,
-46.6783)

Have a look what the booklet for
YUV(74.2250, 18.6231, -46.6783)
contains.

YUV(74.2250, 18.6231, -46.6783)	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(74.2250, 18.6231,
-46.6783)**

Conversions

Conversions Part 1

Format	Color
Hex	155E70
RGB	21, 94, 112
RGB Percent	8%, 37%, 44%
CMY	0.9176, 0.6314, 0.5608
CMYK	0.81, 0.16, 0.00, 0.56
HSL	192°, 68%, 26%
HSV	192°, 81%, 44%
XYZ	7.2366, 9.3347, 16.7496
YIQ	74.2250, -49.2860, -9.8780

Conversions

Conversions Part 2

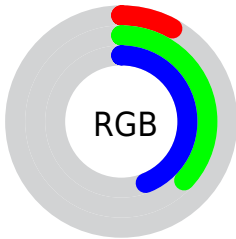
Format	Color
R_{YB}	21, 62, 112
Decimal	1400432
CIE _{Lab}	36.62, -14.90, -16.44
CIE _{LCh}	37, 22.183, 227.817
Yxy	9.3347, 0.2172, 0.2801
Android (android.graphics.Color)	4279590512 (0xFF155E70)
YUV	74.2250, 18.6231, -46.6783
Hunter-Lab	30.5527, -11.1885, -11.1170

Details

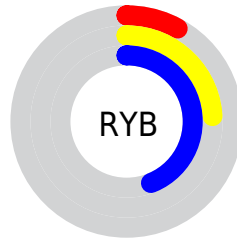
The YUV color **74.2250, 18.6231, -46.6783** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **58.7750, -18.6231, 46.6783**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.0300, 17.7332, -41.2453**, and **35.4720, 14.0643, -31.1089** is the 20% darker color. If you saturate the color by 10%, you get **69.7620, 20.8233, -52.4113**, and if you desaturate by 10%, it is **78.6880, 16.4228, -40.9454**.

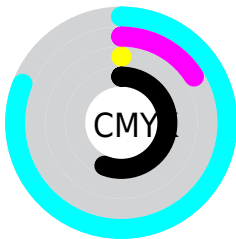
Distribution



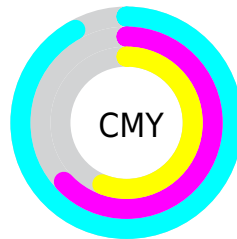
- Red (8%)
- Green (37%)
- Blue (44%)



- Red (8%)
- Yellow (24%)
- Blue (44%)



- Cyan (81%)
- Magenta (16%)
- Yellow (0%)
- Black (56%)



- Cyan (92%)
- Magenta (63%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.2250, 18.6231, -46.6783 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 74.2250, 18.6231, -46.6783 by changing the saturation by 10% instead.

74.2250, 18.6231,
-46.6783

74.2250, 18.6231,
-46.6783

255.0000, 0.0000,
0.0000

51.1220, 18.1809,
-44.8340

128.0300, 17.7332,
-41.2453

35.4720, 14.0643,
-31.1089

154.4430, 18.0226,
-40.7305

21.2240, 10.2426,
-18.6134

181.8560, 18.3120,
-40.2157

3.0950, 9.3202,
-2.7143

209.8560, 18.3120,
-40.2157

0.0000, 0.0000,
0.0000

236.1630, 9.2866,
-38.7310

244.8340, 5.0118,

-20.9024

253.5050, 0.7370,
-3.0739

74.2250, 18.6231,
-46.6783

74.2250, 18.6231,
-46.6783

69.7620, 20.8233,
-52.4113

78.6880, 16.4228,
-40.9454

65.5980, 22.8762,
-57.5294

83.1510, 14.2226,
-35.2124

88.5000, 11.5855,
-29.3795

92.9630, 9.3852,
-23.6466

97.4260, 7.1850,
-17.9136

■ 101.8890, 4.9847,
-12.1807

■ 106.9390, 2.4951,
-6.9625

■ 111.7010, 0.1474,
-0.6148

■ 116.1640, -2.0529,
5.1182

Harmonies

Analogous

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



73.8740, 10.9081, -45.4935



74.2250, 18.6231, -46.6783



81.2750, 19.5844, -28.3052

Triad

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



74.2250, 18.6231, -46.6783



88.2510, 2.8343, 24.3359



83.5970, -15.5773, 2.9844

Complementary

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



74.2250, 18.6231, -46.6783



58.7750, -18.6231, 46.6783

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.



85.9300, -17.2205, 16.7244



74.2250, 18.6231, -46.6783



87.6940, -5.7651, 29.2094

Square

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



74.2250, 18.6231, -46.6783



88.5250, 10.5872, 10.9406



87.0220, -13.3218, 26.2907



81.6920, -9.7082, -12.8849

Rectangle

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



74.2250, 18.6231, -46.6783



84.6080, 17.9413, -14.5652



87.0220, -13.3218, 26.2907



84.5760, -17.0460, 7.3878

Sweetspot

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



74.2250, 18.6231, -46.6783



130.4260, 7.1850, -17.9136



76.3550, -18.9090, -48.5463



65.3730, 4.2531, -10.8511



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



74.2250, 18.6231, -46.6783



86.1060, 29.0347, -72.8840



48.3970, 31.3563, -24.0272



53.6190, 1.1738, -3.1739



70.0320, 24.6342, -61.4181



144.3840, 50.5897, -126.6248

Inverse Universe

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



56.5310, 18.4722, 48.6463



58.4540, 28.8632, 75.9008



84.6030, -31.3563, 24.0272



52.3640, 1.2995, 3.1888



46.8240, 24.2438, 64.1754



96.4250, 50.0765, 132.0543

Previews

White Background



This preview shows how the YUV color 74.2250, 18.6231, -46.6783 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 74.2250, 18.6231, -46.6783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

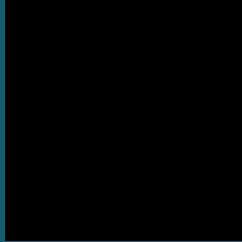
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.2250, 18.6231, -46.6783

Background



This preview shows how black text looks on a background with the YUV color 74.2250, 18.6231, -46.6783.

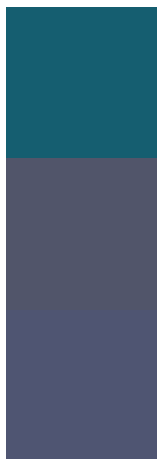


This preview shows how white text looks on a background with the YUV color 74.2250, 18.6231,

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

74.2250, 18.6231, -46.6783

Protanopia

86.1980, 9.7624, -4.5586

Deuteranopia

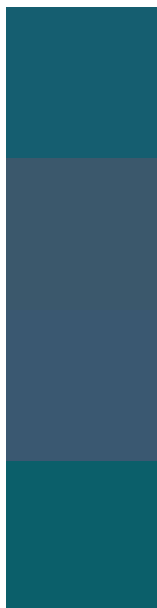
86.5120, 13.5516, -6.5880



Tritanopia

69.0020, 16.7610, -56.1298

Trichromacy



Original Color

74.2250, 18.6231, -46.6783

Protanomaly

81.6090, 13.0108, -19.8281

Deuteranomaly

81.8800, 15.3422, -20.9428

Tritanomaly

71.1380, 17.1870, -52.7410

Monochromacy



Original Color

74.2250, 18.6231, -46.6783

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.0240, 6.8902, -16.6840

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.2250, 18.6231, -46.6783 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(21, 94, 112)` looks like.

```
.text, #text, p{  
    color:rgb(21, 94, 112)  
}
```

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(21, 94, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 94, 112) }
```

Border

The CSS property to change the border of an element to YUV 74.2250, 18.6231, -46.6783 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(21, 94, 112) }
```


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

```
.border{ border-color:rgb(21, 94, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 94, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 94, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 94, 112);  
box-shadow:4px 4px 4px 4px rgb(21, 94,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 74.2250, 18.6231, -46.6783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 94, 112) }
```

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

```
.background{ background-color: rgb(21, 94,  
112) }
```

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