

Converting Colors

YUV(74.6640, -20.0474,
83.6097)

Have a look what the booklet for
YUV(74.6640, -20.0474, 83.6097)
contains.

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Color

**YUV(74.6640, -20.0474,
83.6097)**

Conversions

Conversions Part 1

Format	Color
Hex	AA2222
RGB	170, 34, 34
RGB Percent	67%, 13%, 13%
CMY	0.3333, 0.8667, 0.8667
CMYK	0.00, 0.80, 0.80, 0.33
HSL	0°, 67%, 40%
HSV	0°, 80%, 67%
XYZ	17.4383, 9.8056, 2.4869
YIQ	74.6640, 81.0560, 28.8320

Conversions

Conversions Part 2

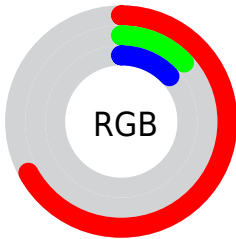
Format	Color
R_{YB}	170, 34, 34
Decimal	11149858
CIE _{Lab}	37.49, 53.55, 35.48
CIE _{LCh}	37, 64.236, 33.528
Yxy	9.8056, 0.5865, 0.3298
Android (android.graphics.Color)	4289339938 (0xFFAA2222)
YUV	74.6640, -20.0474, 83.6097
Hunter-Lab	31.3139, 44.6052, 17.2109

Details

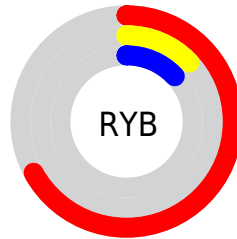
The YUV color **74.6640, -20.0474, 83.6097** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **129.3360, 20.0474, -83.6097**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.3780, -26.3154, 87.3685**, and **32.5910, -16.0674, 67.0107** is the 20% darker color. If you saturate the color by 10%, you get **62.7470, -22.5533, 94.0609**, and if you desaturate by 10%, it is **86.5810, -17.5414, 73.1585**.

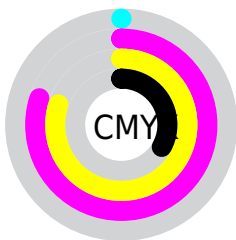
Distribution



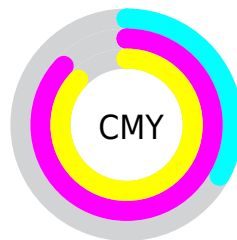
- Red (67%)
- Green (13%)
- Blue (13%)



- Red (67%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (33%)





- Cyan (33%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 74.6640, -20.0474, 83.6097 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 74.6640, -20.0474, 83.6097 by changing the saturation by 10% instead.


 74.6640, -20.0474,
83.6097


 74.6640, -20.0474,
83.6097


255.0000, 0.0000,
0.0000


 43.0430, -14.8112,
84.1543


 132.3780,
-26.3154, 87.3685


 32.5910, -16.0674,
67.0107

 157.9540,
-26.5993, 85.1093


 23.6210, -11.6452,
48.5674

 177.2400,
-23.7823, 68.1955

 15.7760, -6.7916,
31.7684

 196.6400,
-20.5285, 51.1817

 0.0000, 0.0000,
0.0000

 216.7410,
-17.1273, 33.5531

 236.9560,

-13.2893, 15.8246

253.0620, -7.4256,
1.6996

74.6640, -20.0474,
83.6097

74.6640, -20.0474,
83.6097

62.7470, -22.5533,
94.0609

86.5810, -17.5414,
73.1585

50.8300, -25.0592,
104.5121

98.4980, -15.0355,
62.7073

110.4150,
-12.5296, 52.2560

122.3320,
-10.0237, 41.8048

134.2490, -7.5178,
31.3536

■ 146.1660, -5.0118,
20.9024

■ 158.0830, -2.5059,
10.4512

■ 170.0000, 0.0000,
0.0000

■ 181.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



62.3140, 11.1842, 99.7026



74.6640, -20.0474, 83.6097



82.0860, -40.4684, 53.4216

Triad

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



74.6640, -20.0474, 83.6097



67.1410, -14.3665, -58.8827



76.5930, 57.3887, -67.1721

Complementary

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



74.6640, -20.0474, 83.6097



129.3360, 20.0474, -83.6097

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.



82.3830, 49.1112, -72.2499



74.6640, -20.0474, 83.6097



75.1720, 8.7892, -65.9258

Square

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



74.6640, -20.0474, 83.6097



73.3400, -36.1566, -23.1002



81.1000, 31.5027, -71.1247



88.6510, 43.0631, 1.1831

Rectangle

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



74.6640, -20.0474, 83.6097



83.4160, -41.1241, 30.3302



81.1000, 31.5027, -71.1247



79.5280, 55.9417, -69.7461

Sweetspot

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



74.6640, -20.0474, 83.6097



184.8470, -7.8126, 32.5832



90.1680, 39.3572, 70.0127



89.5680, -4.7170, 19.6729



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



74.6640, -20.0474, 83.6097



72.6870, -31.3977, 130.9475



114.5800, -39.7259, 48.6033



78.3920, -1.1793, 4.9182



44.2520, -21.8162, 90.9870



5.9800, -2.9481, 12.2955

Inverse Universe

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



129.3360, 20.0474, -83.6097



158.3130, 31.3977, -130.9475



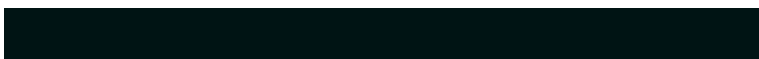
89.4200, 39.7259, -48.6033



81.6080, 1.1793, -4.9182



103.7480, 21.8162, -90.9870



14.0200, 2.9481, -12.2955

Previews

White Background



This preview shows how the YUV color 74.6640, -20.0474, 83.6097 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



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 74.6640, -20.0474, 83.6097

Background



This preview shows how black text looks on a background with the YUV color 74.6640, -20.0474, 83.6097.



This preview shows how white text looks on a background with the YUV color 74.6640, -20.0474,

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

74.6640, -20.0474, 83.6097

Protanopia

88.0170, -19.2354, 9.6321

Deuteranopia

86.1900, -31.6457, 23.5124



Tritanopia

74.6640, -20.0474, 83.6097

Trichromacy



Original Color

74.6640, -20.0474, 83.6097

Protanomaly

83.4810, -19.4641, 36.4122

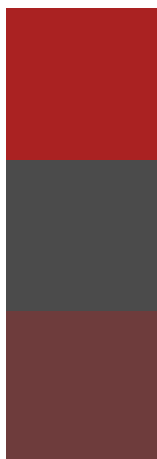
Deuteranomaly

81.7720, -27.4956, 45.8040

Tritanomaly

74.6640, -20.0474, 83.6097

Monochromacy



Original Color

74.6640, -20.0474, 83.6097

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.9500, -7.3704, 30.7388

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.6640, -20.0474, 83.6097 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(170, 34, 34)` looks like.

```
.text, #text, p{  
    color:rgb(170, 34, 34)  
}
```

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(170, 34, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 34, 34) }
```

Border

The CSS property to change the border of an element to YUV 74.6640, -20.0474, 83.6097 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(170, 34, 34) }
```


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

```
.border{ border-color:rgb(170, 34, 34) }
```

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

Here you see how a box with a 4 pixel rgb(170, 34, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 34, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 34, 34);  
box-shadow:4px 4px 4px 4px rgb(170, 34,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 74.6640, -20.0474, 83.6097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 34, 34) }
```

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

```
.background{ background-color: rgb(170, 34,  
34) }
```

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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