

Converting Colors

YUV(74.2420, -20.3323,
34.8678)

Have a look what the booklet for
YUV(74.2420, -20.3323, 34.8678)
contains.

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Color

**YUV(74.2420, -20.3323,
34.8678)**

Conversions

Conversions Part 1

Format	Color
Hex	723E21
RGB	114, 62, 33
RGB Percent	45%, 24%, 13%
CMY	0.5529, 0.7569, 0.8706
CMYK	0.00, 0.46, 0.71, 0.55
HSL	21°, 55%, 29%
HSV	21°, 71%, 45%
XYZ	8.9366, 7.1325, 2.3445
YIQ	74.2420, 40.3010, 2.0050

Conversions

Conversions Part 2

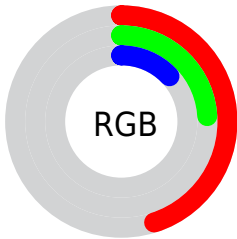
Format	Color
RYB	114, 78, 33
Decimal	7487009
CIELab	32.11, 20.00, 27.30
CIELCh	32, 33.846, 53.769
Yxy	7.1325, 0.4853, 0.3873
Android (android.graphics.Color)	4285677089 (0xFF723E21)
YUV	74.2420, -20.3323, 34.8678
Hunter-Lab	26.7067, 12.9929, 13.4897

Details

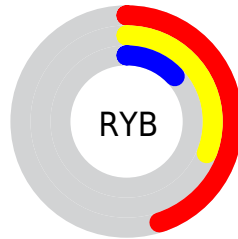
The YUV color **74.2420, -20.3323, 34.8678** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **72.7580, 20.3323, -34.8678**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.9930, -22.6745, 39.4711**, and **29.1040, -14.3483, 28.8498** is the 20% darker color. If you saturate the color by 10%, you get **68.8790, -23.1113, 39.5711**, and if you desaturate by 10%, it is **79.6050, -17.5533, 30.1644**.

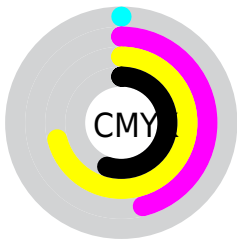
Distribution



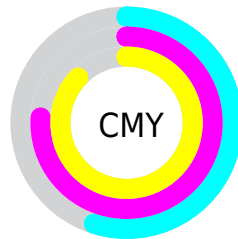
- Red (45%)
- Green (24%)
- Blue (13%)



- Red (45%)
- Yellow (31%)
- Blue (13%)



- Cyan (0%)
- Magenta (46%)
- Yellow (71%)
- Black (55%)





- Cyan (55%)
- Magenta (76%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 74.2420, -20.3323, 34.8678 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 74.2420, -20.3323, 34.8678 by changing the saturation by 10% instead.


 74.2420, -20.3323,
34.8678

 74.2420, -20.3323,
34.8678


255.0000, 0.0000,
0.0000


 50.1600, -19.3059,
32.3087

 123.9930,
-22.6745, 39.4711

 29.1040, -14.3483,
28.8498


 150.7760,
-23.5536, 41.4154

 11.3620, -5.6015,
23.3615

 177.5590,
-24.4326, 43.3598

 0.0000, 0.0000,
0.0000

 204.7440,
-25.0168, 44.0745

 224.2580,
-21.3262, 26.9607

 244.4730,

-17.4882, 9.2322

252.9480, -7.8624,
1.7996

74.2420, -20.3323,
34.8678

74.2420, -20.3323,
34.8678

68.8790, -23.1113,
39.5711

79.6050, -17.5533,
30.1644

62.8150, -26.0378,
44.8892

85.6690, -14.6268,
24.8463

58.1530, -28.6694,
48.9778

91.0320, -11.8478,
20.1429

96.5090, -8.6319,
15.3396

102.4590, -6.1423,
10.1215

■ 107.8220, -3.3632,
5.4181

■ 113.2990, -0.1474,
0.6148

■ 119.2490, 2.3422,
-4.6034

■ 124.7260, 5.5581,
-9.4067

Harmonies

Analogous

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



74.5710, -9.1555, 43.3492



74.2420, -20.3323, 34.8678



72.8350, -26.5407, 19.4387

Triad

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



74.2420, -20.3323, 34.8678



59.5220, 4.6727, -52.2008



75.8460, 23.7399, -7.7579

Complementary

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



74.2420, -20.3323, 34.8678



72.7580, 20.3323, -34.8678

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.



61.5520, 32.7589, -53.9811



74.2420, -20.3323, 34.8678



62.6000, 16.4662, -54.9002

Square

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



74.2420, -20.3323, 34.8678



66.1480, -11.4120, -26.4398



63.9340, 26.6545, -56.0701



78.2150, 14.1910, 21.7364

Rectangle

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



74.2420, -20.3323, 34.8678



71.3880, -25.3343, 5.7987



63.9340, 26.6545, -56.0701



72.5670, 26.8355, -20.6683

Sweetspot

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



74.2420, -20.3323, 34.8678



132.7260, -7.7529, 13.3953



63.2610, 11.2103, 44.4981



64.7900, -4.8265, 8.0772



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.



74.2420, -20.3323, 34.8678



86.0890, -31.5959, 54.2959



97.7220, -31.9079, 14.2758



52.9680, -1.4632, 2.6591



61.1210, -30.1327, 51.6369



126.0960, -62.1653, 106.0328

Inverse Universe

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



72.7580, 20.3323, -34.8678



83.9110, 31.5959, -54.2959



49.2780, 31.9079, -14.2758



53.0320, 1.4632, -2.6591



58.8790, 30.1327, -51.6369



121.4910, 61.8759, -106.5476

Previews

White Background



This preview shows how the YUV color 74.2420, -20.3323, 34.8678 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 74.2420, -20.3323, 34.8678 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 74.2420, -20.3323, 34.8678

Background



This preview shows how black text looks on a background with the YUV color 74.2420, -20.3323, 34.8678.



This preview shows how white text looks on a background with the YUV color 74.2420, -20.3323,

34.8678.

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

74.2420, -20.3323, 34.8678

Protanopia

73.9460, -18.2144, 8.8174

Deuteranopia

74.0890, -21.7359, 18.3389



Tritanopia

76.4990, -6.6550, 34.6424

Trichromacy



Original Color

74.2420, -20.3323, 34.8678

Protanomaly

74.1860, -18.8257, 18.2539

Deuteranomaly

73.9480, -21.1734, 24.6016

Tritanomaly

75.5330, -11.6018, 34.6126

Monochromacy



Original Color

74.2420, -20.3323, 34.8678

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.4270, -7.6055, 12.7805

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.2420, -20.3323, 34.8678 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(114, 62, 33)` looks like.

```
.text, #text, p{  
    color:rgb(114, 62, 33)  
}
```

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(114, 62, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 62, 33) }
```

Border

The CSS property to change the border of an element to YUV 74.2420, -20.3323, 34.8678 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(114, 62, 33) }
```


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

```
.border{ border-color:rgb(114, 62, 33) }
```

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

Here you see how a box with a 4 pixel rgb(114, 62, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 62, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 62, 33);  
box-shadow:4px 4px 4px 4px rgb(114, 62,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 74.2420, -20.3323, 34.8678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 62, 33) }
```

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

```
.background{ background-color: rgb(114, 62,  
33) }
```

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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