

Converting Colors

YUV(73.3320, -20.3767, 2.3398)

Have a look what the booklet for
YUV(73.3320, -20.3767, 2.3398)
contains.

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Color

**YUV(73.3320, -20.3767,
2.3398)**

Conversions

Conversions Part 1

Format	Color
Hex	4C5020
RGB	76, 80, 32
RGB Percent	30%, 31%, 13%
CMY	0.7020, 0.6863, 0.8745
CMYK	0.05, 0.00, 0.60, 0.69
HSL	65°, 43%, 22%
HSV	65°, 60%, 31%
XYZ	6.1099, 7.3781, 2.4686
YIQ	73.3320, 13.0240, -15.7760

Conversions

Conversions Part 2

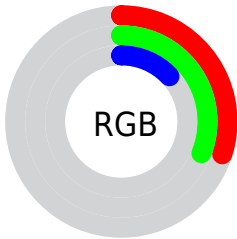
Format	Color
RYB	32, 80, 36
Decimal	5001248
CIELab	32.65, -9.42, 27.28
CIELCh	33, 28.857, 109.043
Yxy	7.3781, 0.3829, 0.4624
Android (android.graphics.Color)	4283191328 (0xFF4C5020)
YUV	73.3320, -20.3767, 2.3398
Hunter-Lab	27.1627, -7.3836, 13.6255

Details

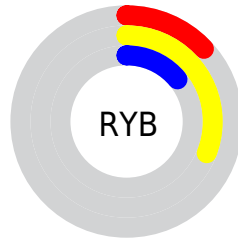
The YUV color **73.3320, -20.3767, 2.3398** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **38.6680, 20.3767, -2.3398**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.2890, -21.8345, 3.2545**, and **30.4010, -14.9877, 0.5253** is the 20% darker color. If you saturate the color by 10%, you get **72.1210, -23.7237, 2.5249**, and if you desaturate by 10%, it is **74.5430, -17.0297, 2.1548**.

Distribution



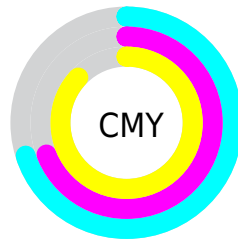
- Red (30%)
- Green (31%)
- Blue (13%)



- Red (13%)
- Yellow (31%)
- Blue (14%)



- Cyan (5%)
- Magenta (0%)
- Yellow (60%)
- Black (69%)



- Cyan (70%)
- Magenta (69%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.3320, -20.3767, 2.3398 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 73.3320, -20.3767, 2.3398 by changing the saturation by 10% instead.

■ 73.3320, -20.3767,
2.3398

■ 73.3320, -20.3767,
2.3398

■ 255.0000, 0.0000,
0.0000

■ 50.0330, -20.2293,
1.7251

■ 122.2890,
-21.8345, 3.2545

■ 30.4010, -14.9877,
0.5253

■ 148.4740,
-22.4187, 3.9693

■ 9.3920, -4.6303,
-8.2368

■ 175.2460,
-23.2923, 4.1693

■ 0.0000, 0.0000,
0.0000

■ 202.4310,
-23.8765, 4.8840

■ 230.9040,
-24.6027, 4.4692

■ 249.7560,

-20.0927, 4.5990

252.9480, -7.8624,
1.7996

73.3320, -20.3767,
2.3398

73.3320, -20.3767,
2.3398

72.1210, -23.7237,
2.5249

74.5430, -17.0297,
2.1548

71.2090, -27.2180,
3.3247

75.4550, -13.5353,
1.3550

69.9980, -30.5650,
3.5098

76.6660, -10.1883,
1.1699

68.7870, -33.9120,
3.6948

77.8770, -6.8414,
0.9849

78.7890, -3.3470,
0.1850

■ 80.0000, 0.0000,
0.0000

■ 81.2110, 3.3470,
-0.1850

■ 82.1230, 6.8414,
-0.9849

■ 83.3340, 10.1883,
-1.1699

Harmonies

Analogous

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



75.3880, -21.8833, 18.9537



73.3320, -20.3767, 2.3398



70.0890, -11.8759, -17.6181

Triad

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



73.3320, -20.3767, 2.3398



63.1360, 23.5970, -55.3703



78.8220, 3.5388, 31.7281

Complementary

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



73.3320, -20.3767, 2.3398



38.6680, 20.3767, -2.3398

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.



79.3560, 13.6285, 15.4738



73.3320, -20.3767, 2.3398



62.5260, 28.8277, -53.0813

Square

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



73.3320, -20.3767, 2.3398



62.0300, 14.2822, -54.4003



76.5530, 21.4194, -10.1320



77.1080, -6.9552, 37.6163

Rectangle

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



73.3320, -20.3767, 2.3398



65.3840, -2.6543, -35.4168



76.5530, 21.4194, -10.1320



78.8260, 7.4808, 27.3396

Sweetspot

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



73.3320, -20.3767, 2.3398



102.2360, -8.0043, 0.6700



48.7000, -8.2331, 27.4501



52.3330, -5.0942, 0.5850



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



73.3320, -20.3767, 2.3398



94.2430, -32.1648, 3.2949



66.1560, -16.8389, -12.4148



40.2450, -1.5998, -0.2149



90.3390, -44.5371, 4.9647



199.8710, -98.5364, 11.5141

Inverse Universe

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



38.6680, 20.3767, -2.3398



39.7570, 32.1648, -3.2949



45.8440, 16.8389, 12.4148



37.4560, 1.7472, -0.3999



14.6610, 44.5371, -4.9647



32.1290, 98.5364, -11.5141

Previews

White Background



This preview shows how the YUV color 73.3320, -20.3767, 2.3398 looks on a white background.

Color Contrast Check

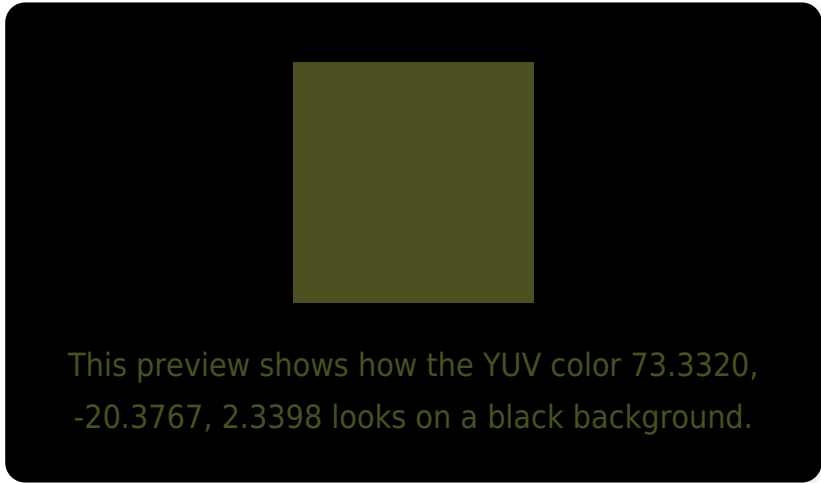
Large Text (above 18pt) WCAG AA ✓ Pass

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

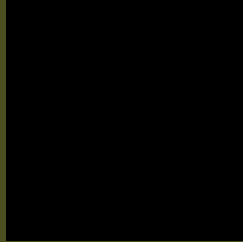
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.3320, -20.3767, 2.3398

Background



This preview shows how black text looks on a background with the YUV color 73.3320, -20.3767, 2.3398.



This preview shows how white text looks on a background with the YUV color 73.3320, -20.3767,

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

73.3320, -20.3767, 2.3398

Protanopia

74.4470, -21.4194, 10.1320

Deuteranopia

75.1320, -20.2781, 17.4242



Tritanopia

77.4780, 1.7363, 3.0888

Trichromacy



Original Color

73.3320, -20.3767, 2.3398

Protanomaly

73.8380, -21.1191, 7.1581

Deuteranomaly

74.6860, -20.5512, 11.6764

Tritanomaly

76.0020, -6.4100, 2.6292

Monochromacy



Original Color

73.3320, -20.3767, 2.3398

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.3500, -7.5675, 0.5701

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.3320, -20.3767, 2.3398 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(76, 80, 32)` looks like.

```
.text, #text, p{  
    color:rgb(76, 80, 32)  
}
```

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(76, 80, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 80, 32) }
```

Border

The CSS property to change the border of an element to YUV 73.3320, -20.3767, 2.3398 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(76, 80, 32) }
```


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

```
.border{ border-color:rgb(76, 80, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 80, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 80, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 80, 32);  
box-shadow:4px 4px 4px 4px rgb(76, 80, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.3320, -20.3767, 2.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 80, 32) }
```

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

```
.background{ background-color: rgb(76, 80,  
32) }
```

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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