

Converting Colors

YUV(75.3330, 8.2168, -22.2170)

Have a look what the booklet for
YUV(75.3330, 8.2168, -22.2170)
contains.

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Color

**YUV(75.3330, 8.2168,
-22.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	32555C
RGB	50, 85, 92
RGB Percent	20%, 33%, 36%
CMY	0.8039, 0.6667, 0.6392
CMYK	0.46, 0.08, 0.00, 0.64
HSL	190°, 30%, 28%
HSV	190°, 46%, 36%
XYZ	6.4957, 7.9478, 11.3169
YIQ	75.3330, -23.1070, -5.2430

Conversions

Conversions Part 2

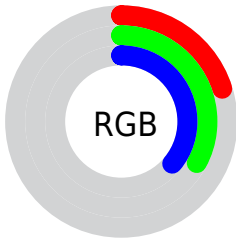
Format	Color
R_{YB}	50, 69, 92
Decimal	3298652
CIE _{Lab}	33.87, -10.55, -8.04
CIE _{LCh}	34, 13.267, 217.326
Yxy	7.9478, 0.2522, 0.3085
Android (android.graphics.Color)	4281488732 (0xFF32555C)
YUV	75.3330, 8.2168, -22.2170
Hunter-Lab	28.1919, -8.2078, -4.0662

Details

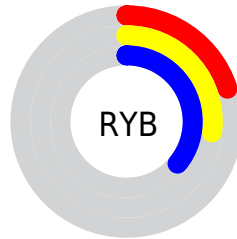
The YUV color **75.3330, 8.2168, -22.2170** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **66.6670, -8.2168, 22.2170**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.0340, 8.3642, -22.8318**, and **28.7240, 8.5171, -25.1909** is the 20% darker color. If you saturate the color by 10%, you get **71.4680, 10.1223, -26.7204**, and if you desaturate by 10%, it is **79.1980, 6.3114, -17.7136**.

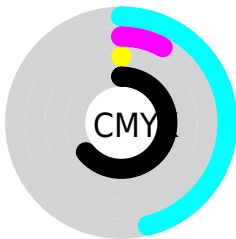
Distribution



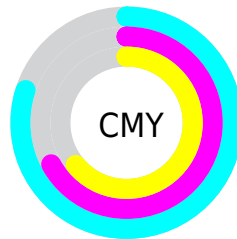
- Red (20%)
- Green (33%)
- Blue (36%)



- Red (20%)
- Yellow (27%)
- Blue (36%)



- Cyan (46%)
- Magenta (8%)
- Yellow (0%)
- Black (64%)



- Cyan (80%)
- Magenta (67%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.3330, 8.2168, -22.2170 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 75.3330, 8.2168, -22.2170 by changing the saturation by 10% instead.

■ 75.3330, 8.2168,
-22.2170

■ 75.3330, 8.2168,
-22.2170

■ 255.0000, 0.0000,
0.0000

■ 51.9200, 7.9274,
-22.7318

■ 125.0340, 8.3642,
-22.8318

■ 28.7240, 8.5171,
-25.1909

■ 151.1480, 8.8010,
-22.9318

■ 14.7040, 5.5689,
-12.8954

■ 177.8490, 8.9484,
-23.5466

■ 0.0000, 0.0000,
0.0000

■ 205.5500, 9.0959,
-24.1613

■ 233.5500, 9.0959,
-24.1613

■ 249.0200, 2.9481,

-12.2955

■ 75.3330, 8.2168,
-22.2170

■ 75.3330, 8.2168,
-22.2170

■ 71.4680, 10.1223,
-26.7204

■ 79.1980, 6.3114,
-17.7136

■ 68.1900, 11.7383,
-31.7386

■ 82.4760, 4.6953,
-12.6955

■ 64.0260, 13.7912,
-36.8568

■ 86.6400, 2.6425,
-7.5773

■ 60.7480, 15.4072,
-41.8750

■ 89.9180, 1.0264,
-2.5591

■ 56.8830, 17.3127,
-46.3784

■ 93.7830, -0.8790,
1.9443

■ 55.6870, 17.9023,
-48.8375

■ 97.0610, -2.4951,
6.9625

■ 100.9260, -4.4005,
11.4659

■ 104.5030, -6.1640,
17.0989

■ 108.3680, -8.0694,
21.6023

Harmonies

Analogous

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



75.3780, 3.2646, -20.5025



75.3330, 8.2168, -22.2170



77.0500, 10.8214, -17.5838

Triad

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



75.3330, 8.2168, -22.2170



81.2880, 3.3090, 12.0254



79.1010, -9.9098, 5.1734

Complementary

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



75.3330, 8.2168, -22.2170



66.6670, -8.2168, 22.2170

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.



79.9710, -9.3527, 13.1804



75.3330, 8.2168, -22.2170



81.2410, -2.0908, 17.3286

Square

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



75.3330, 8.2168, -22.2170



80.9710, 7.4093, 3.5334



80.3890, -6.6008, 17.1988



77.7300, -7.2619, -4.1482

Rectangle

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



75.3330, 8.2168, -22.2170



78.6810, 10.5103, -11.1212



80.3890, -6.6008, 17.1988



79.4110, -10.0626, 7.5326

Sweetspot

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



75.3330, 8.2168, -22.2170



113.1560, 3.3741, -8.9068



75.4520, -9.0968, -22.3214



56.8360, 2.0529, -5.1182



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



75.3330, 8.2168, -22.2170



93.8090, 12.9122, -34.9125



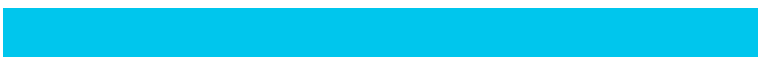
63.0060, 14.2940, -11.4063



43.9180, 1.0264, -2.5591



65.9570, 21.7132, -57.8443



143.2440, 46.2217, -125.6250

Inverse Universe

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



66.5480, 9.0968, 22.3214



80.0040, 14.2950, 35.0765



78.9940, -14.2940, 11.4063



42.9510, 1.0102, 2.6740



43.2640, 23.5338, 58.5275



93.4350, 51.5505, 125.9065

Previews

White Background



This preview shows how the YUV color 75.3330, 8.2168, -22.2170 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 75.3330, 8.2168, -22.2170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

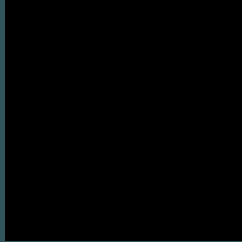
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.3330, 8.2168, -22.2170

Background



This preview shows how black text looks on a background with the YUV color 75.3330, 8.2168, -22.2170.



This preview shows how white text looks on a background with the YUV color 75.3330, 8.2168, -22.2170.

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

75.3330, 8.2168, -22.2170

Protanopia

79.7270, 4.0786, -1.5146

Deuteranopia

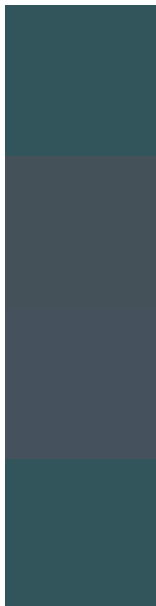
80.4220, 6.6940, -0.3701



Tritanopia

75.3330, 8.2168, -22.2170

Trichromacy



Original Color

75.3330, 8.2168, -22.2170

Protanomaly

78.0250, 5.4107, -8.7919

Deuteranomaly

78.7800, 7.0105, -8.5771

Tritanomaly

75.3330, 8.2168, -22.2170

Monochromacy



Original Color

75.3330, 8.2168, -22.2170

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.3410, 2.7899, -8.1921

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.3330, 8.2168, -22.2170 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(50, 85, 92)` looks like.

```
.text, #text, p{  
    color:rgb(50, 85, 92)  
}
```

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(50, 85, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 85, 92) }
```

Border

The CSS property to change the border of an element to YUV 75.3330, 8.2168, -22.2170 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(50, 85, 92) }
```


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

```
.border{ border-color:rgb(50, 85, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 85, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 85, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 85, 92);  
box-shadow:4px 4px 4px 4px rgb(50, 85, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.3330, 8.2168, -22.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 85, 92) }
```

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

```
.background{ background-color: rgb(50, 85,  
92) }
```

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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