

Converting Colors

YUV(75.4520, 7.6652, -31.9684)

Have a look what the booklet for
YUV(75.4520, 7.6652, -31.9684)
contains.

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Color

**YUV(75.4520, 7.6652,
-31.9684)**

Conversions

Conversions Part 1

Format	Color
Hex	275B5B
RGB	39, 91, 91
RGB Percent	15%, 36%, 36%
CMY	0.8471, 0.6431, 0.6431
CMYK	0.57, 0.00, 0.00, 0.64
HSL	180°, 40%, 25%
HSV	180°, 57%, 36%
XYZ	6.4661, 8.6688, 11.2300
YIQ	75.4520, -30.9920, -11.0240

Conversions

Conversions Part 2

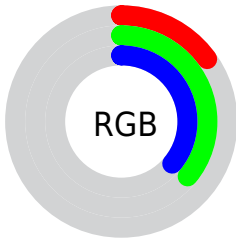
Format	Color
R_{YB}	39, 65, 91
Decimal	2579291
CIE _{Lab}	35.34, -17.17, -5.28
CIE _{LCh}	35, 17.967, 197.083
Yxy	8.6688, 0.2453, 0.3288
Android (android.graphics.Color)	4280769371 (0xFF275B5B)
YUV	75.4520, 7.6652, -31.9684
Hunter-Lab	29.4429, -12.3237, -2.0041




Details

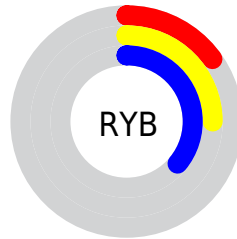
The YUV color **75.4520, 7.6652, -31.9684** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **54.5480, -7.6652, 31.9684**, and the grayscale version is **75.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **125.7510, 7.5178, -31.3536**, and **31.5450, 6.6333, -27.6650** is the 20% darker color. If you saturate the color by 10%, you get **72.7610, 8.9918, -37.5014**, and if you desaturate by 10%, it is **78.1430, 6.3385, -26.4354**.

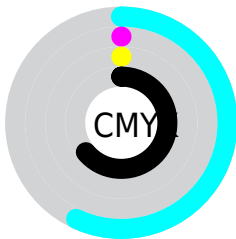
Distribution







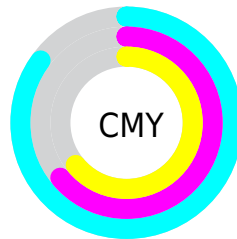
-  Red (15%)
-  Green (36%)
-  Blue (36%)






-  Red (15%)
-  Yellow (25%)
-  Blue (36%)



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (85%)
-  Magenta (64%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.4520, 7.6652, -31.9684 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 75.4520, 7.6652, -31.9684 by changing the saturation by 10% instead.

■ 75.4520, 7.6652,
-31.9684

■ 75.4520, 7.6652,
-31.9684

■ 255.0000, 0.0000,
0.0000

■ 49.7720, 8.9864,
-35.7570

■ 125.7510, 7.5178,
-31.3536

■ 31.5450, 6.6333,
-27.6650

■ 152.3380, 7.2284,
-31.8684

■ 18.1120, 3.3958,
-15.8842

■ 179.1530, 7.8126,
-32.5832

■ 0.0000, 0.0000,
0.0000

■ 207.1530, 7.8126,
-32.5832

■ 235.4410, 7.6706,
-33.7128

■ 246.3290, 4.2748,

-17.8285

■ 75.4520, 7.6652,
-31.9684

■ 75.4520, 7.6652,
-31.9684

■ 72.7610, 8.9918,
-37.5014

■ 78.1430, 6.3385,
-26.4354

■ 70.0700, 10.3185,
-43.0344

■ 80.8340, 5.0118,
-20.9024

■ 67.3790, 11.6452,
-48.5674

■ 83.5250, 3.6852,
-15.3694

■ 64.6880, 12.9718,
-54.1004

■ 86.2160, 2.3585,
-9.8364

■ 63.7910, 13.4140,
-55.9447

■ 89.2060, 0.8844,
-3.6887

■ 91.8970, -0.4422,
1.8443

■ 94.5880, -1.7689,
7.3773

■ 97.2790, -3.0955,
12.9103

■ 99.9700, -4.4222,
18.4433

Harmonies

Analogous

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



77.6290, -0.8031, -22.4766



75.4520, 7.6652, -31.9684



76.3470, 13.6329, -32.7533

Triad

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



75.4520, 7.6652, -31.9684



85.3460, 8.7034, 8.4666



82.8310, -13.7207, 14.1802

Complementary

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



75.4520, 7.6652, -31.9684



54.5480, -7.6652, 31.9684

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.



83.7980, -10.2534, 22.1022



75.4520, 7.6652, -31.9684



85.4030, 2.2663, 19.8176

Square

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



75.4520, 7.6652, -31.9684



83.3980, 13.1148, -6.4880



84.8890, -4.8753, 23.7763



81.5800, -13.1039, 2.9993

Rectangle

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



75.4520, 7.6652, -31.9684



78.7330, 14.9216, -26.0758



84.8890, -4.8753, 23.7763



83.0810, -12.8579, 17.4690

Sweetspot

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



75.4520, 7.6652, -31.9684



111.0200, 2.9481, -12.2955



69.5240, -15.0483, -26.7695



55.4120, 1.7689, -7.3773



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



75.4520, 7.6652, -31.9684



92.7810, 11.9400, -49.7969



60.1900, 15.1893, -18.5836



44.5050, 0.7370, -3.0739



77.1100, 16.2148, -67.6255



166.1370, 34.9355, -145.7021

Inverse Universe

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



60.4760, 15.0483, 26.7695



69.4530, 23.4407, 41.6987



69.8100, -15.1893, 18.5836



43.0650, 1.4470, 2.5740



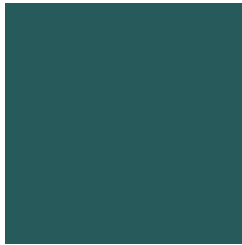
45.4300, 31.8330, 56.6279



97.8810, 68.5857, 122.0074

Previews

White Background



This preview shows how the YUV color 75.4520, 7.6652, -31.9684 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 75.4520, 7.6652, -31.9684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

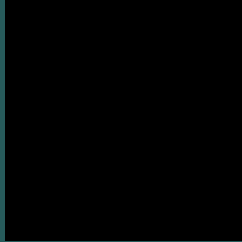
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.4520, 7.6652, -31.9684

Background



This preview shows how black text looks on a background with the YUV color 75.4520, 7.6652, -31.9684.



This preview shows how white text looks on a background with the YUV color 75.4520, 7.6652, -31.9684.

-31.9684.

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

75.4520, 7.6652, -31.9684

Protanopia

82.7550, 1.5998, 0.2149

Deuteranopia

83.8630, 4.5045, 1.8741



Tritanopia

76.4460, 10.1331, -30.2091

Trichromacy



Original Color

75.4520, 7.6652, -31.9684

Protanomaly

79.9600, 3.9637, -11.3659

Deuteranomaly

81.0140, 5.4161, -10.5363

Tritanomaly

75.9190, 9.4069, -30.6240

Monochromacy



Original Color

75.4520, 7.6652, -31.9684

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.3190, 2.8007, -11.6808

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.4520, 7.6652, -31.9684 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(39, 91, 91)` looks like.

```
.text, #text, p{  
    color:rgb(39, 91, 91)  
}
```

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(39, 91, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 91, 91) }
```

Border

The CSS property to change the border of an element to YUV 75.4520, 7.6652, -31.9684 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(39, 91, 91) }
```


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

```
.border{ border-color:rgb(39, 91, 91) }
```

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

Here you see how a box with a 4 pixel rgb(39, 91, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 91, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 91, 91);  
box-shadow:4px 4px 4px 4px rgb(39, 91, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.4520, 7.6652, -31.9684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 91, 91) }
```

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

```
.background{ background-color: rgb(39, 91,  
91) }
```

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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