

Converting Colors

YUV(75.5360, 3.6798, -13.6251)

Have a look what the booklet for
YUV(75.5360, 3.6798, -13.6251)
contains.

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Color

**YUV(75.5360, 3.6798,
-13.6251)**

Conversions

Conversions Part 1

Format	Color
Hex	3C5253
RGB	60, 82, 83
RGB Percent	24%, 32%, 33%
CMY	0.7647, 0.6784, 0.6745
CMYK	0.28, 0.01, 0.00, 0.67
HSL	183°, 16%, 28%
HSV	183°, 28%, 33%
XYZ	6.4421, 7.6198, 9.3148
YIQ	75.5360, -13.4330, -4.3530

Conversions

Conversions Part 2

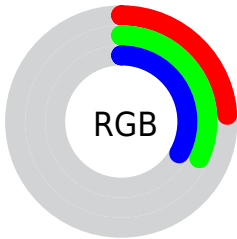
Format	Color
RYB	60, 71, 83
Decimal	3953235
CIELab	33.18, -8.11, -3.34
CIELCh	33, 8.773, 202.347
Yxy	7.6198, 0.2756, 0.3260
Android (android.graphics.Color)	4282143315 (0xFF3C5253)
YUV	75.5360, 3.6798, -13.6251
Hunter-Lab	27.6039, -6.6492, -0.6844

Details

The YUV color **75.5360, 3.6798, -13.6251** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **67.4640, -3.6798, 13.6251**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.2370, 3.8272, -14.2398**, and **30.8350, 3.5323, -13.0103** is the 20% darker color. If you saturate the color by 10%, you get **73.1440, 4.8590, -18.5433**, and if you desaturate by 10%, it is **77.9280, 2.5005, -8.7069**.

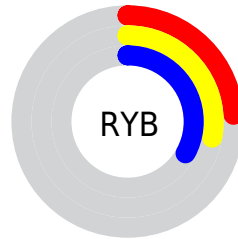
Distribution



Red (24%)

Green (32%)

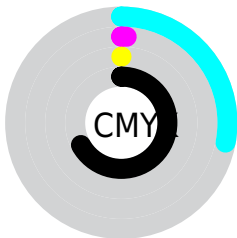
Blue (33%)



Red (24%)

Yellow (28%)

Blue (33%)

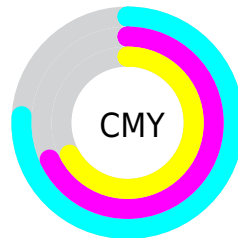


Cyan (28%)

Magenta (1%)

Yellow (0%)

Black (67%)



Cyan (76%)

Magenta (68%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.5360, 3.6798, -13.6251 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 75.5360, 3.6798, -13.6251 by changing the saturation by 10% instead.

■ 75.5360, 3.6798,
-13.6251

■ 75.5360, 3.6798,
-13.6251

■ 255.0000, 0.0000,
0.0000

■ 52.8350, 3.5323,
-13.0103

■ 124.2370, 3.8272,
-14.2398

■ 30.8350, 3.5323,
-13.0103

■ 150.2370, 3.8272,
-14.2398

■ 12.0310, 2.9427,
-10.5512

■ 176.9380, 3.9746,
-14.8546

■ 0.0000, 0.0000,
0.0000

■ 204.6390, 4.1220,
-15.4694

■ 232.6390, 4.1220,
-15.4694

■ 251.4120, 1.7689,

-7.3773

■ 75.5360, 3.6798,
-13.6251

■ 75.5360, 3.6798,
-13.6251

■ 73.1440, 4.8590,
-18.5433

■ 77.9280, 2.5005,
-8.7069

■ 69.8660, 6.4751,
-23.5615

■ 81.2060, 0.8844,
-3.6887

■ 67.4740, 7.6543,
-28.4797

■ 83.5980, -0.2948,
1.2296

■ 65.0820, 8.8336,
-33.3979

■ 85.9900, -1.4741,
6.1478

■ 61.8040, 10.4496,
-38.4161

■ 89.2680, -3.0901,
11.1660

■ 59.4120, 11.6289,
-43.3343

■ 91.6600, -4.2694,
16.0842

■ 56.4330, 13.0975,
-47.7377

■ 94.6390, -5.7380,
20.4876

■ 55.8350, 13.3923,
-48.9673

■ 97.0310, -6.9173,
25.4058

■ 99.7220, -8.2439,
30.9388

Harmonies

Analogous

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



75.6350, 0.1799, -11.0809



75.5360, 3.6798, -13.6251



76.2310, 6.2951, -12.4806

Triad

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



75.5360, 3.6798, -13.6251



79.3580, 3.7675, 4.9480



77.9100, -6.8576, 6.2179

Complementary

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



75.5360, 3.6798, -13.6251



67.4640, -3.6798, 13.6251

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.



78.8720, -5.8529, 10.6363



75.5360, 3.6798, -13.6251



79.1800, 0.4043, 10.3661

Square

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



75.5360, 3.6798, -13.6251



78.5960, 6.1152, -1.3997



78.9800, -2.9481, 12.2955



77.1050, -5.9678, 0.7849

Rectangle

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



75.5360, 3.6798, -13.6251



77.0680, 6.8685, -9.7066



78.9800, -2.9481, 12.2955



78.0350, -6.4263, 7.8623

Sweetspot

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



75.5360, 3.6798, -13.6251



104.6080, 1.1793, -4.9182



73.6150, -6.2192, -11.9404



51.6190, 1.1738, -3.1739



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.



75.5360, 3.6798, -13.6251



95.9480, 5.4486, -21.0024



69.0790, 6.8631, -7.9623



39.8040, 0.5896, -2.4591



70.6700, 16.9247, -61.9776



156.7620, 37.0923, -137.4803

Inverse Universe

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



69.3850, 6.2192, 11.9404



86.3410, 9.6919, 18.1179



73.9210, -6.8631, 7.9623



38.6520, 1.1576, 2.0592



42.7950, 28.2021, 54.5538



94.6760, 62.7707, 120.4331

Previews

White Background



This preview shows how the YUV color 75.5360, 3.6798, -13.6251 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 75.5360, 3.6798, -13.6251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

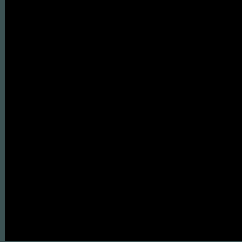
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.5360, 3.6798, -13.6251

Background



This preview shows how black text looks on a background with the YUV color 75.5360, 3.6798, -13.6251.



This preview shows how white text looks on a background with the YUV color 75.5360, 3.6798, -13.6251.

-13.6251.

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

75.5360, 3.6798, -13.6251

Protanopia

77.6410, 1.1630, 0.3148

Deuteranopia

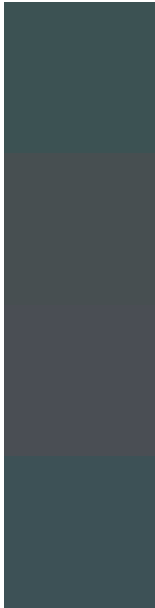
78.7060, 2.6099, 2.8888



Tritanopia

75.8180, 6.0057, -12.9954

Trichromacy



Original Color

75.5360, 3.6798, -13.6251

Protanomaly

76.8360, 2.0529, -5.1182

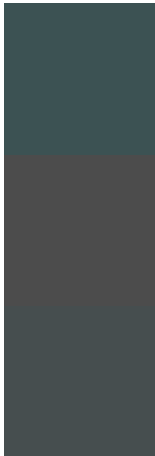
Deuteranomaly

77.4880, 3.2104, -3.0590

Tritanomaly

75.5900, 5.1321, -12.7954

Monochromacy



Original Color

75.5360, 3.6798, -13.6251

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7220, 1.6161, -5.0182

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.5360, 3.6798, -13.6251 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(60, 82, 83)` looks like.

```
.text, #text, p{  
    color:rgb(60, 82, 83)  
}
```

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(60, 82, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 82, 83) }
```

Border

The CSS property to change the border of an element to YUV 75.5360, 3.6798, -13.6251 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(60, 82, 83) }
```


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

```
.border{ border-color:rgb(60, 82, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 82, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 82, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 82, 83);  
box-shadow:4px 4px 4px 4px rgb(60, 82, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.5360, 3.6798, -13.6251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 82, 83) }
```

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

```
.background{ background-color: rgb(60, 82,  
83) }
```

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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