

Converting Colors

YUV(75.5730, 7.6055, -12.7805)

Have a look what the booklet for
YUV(75.5730, 7.6055, -12.7805)
contains.

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Color

**YUV(75.5730, 7.6055,
-12.7805)**

Conversions

Conversions Part 1

Format	Color
Hex	3D505B
RGB	61, 80, 91
RGB Percent	24%, 31%, 36%
CMY	0.7608, 0.6863, 0.6431
CMYK	0.33, 0.12, 0.00, 0.64
HSL	202°, 20%, 30%
HSV	202°, 33%, 36%
XYZ	6.6815, 7.4848, 10.9901
YIQ	75.5730, -14.8550, -0.6070

Conversions

Conversions Part 2

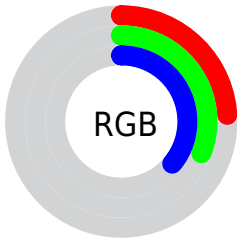
Format	Color
RYB	61, 73, 91
Decimal	4018267
CIELab	32.89, -4.36, -8.83
CIElCh	33, 9.852, 243.729
Yxy	7.4848, 0.2656, 0.2975
Android (android.graphics.Color)	4282208347 (0xFF3D505B)
YUV	75.5730, 7.6055, -12.7805
Hunter-Lab	27.3583, -4.2836, -4.6666

Details

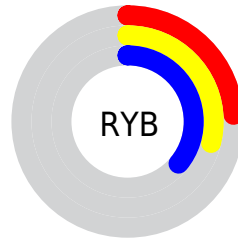
The YUV color **75.5730, 7.6055, -12.7805** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76.4270, -7.6055, 12.7805**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.3880, 8.1897, -13.4953**, and **31.0460, 6.8793, -13.1953** is the 20% darker color. If you saturate the color by 10%, you get **71.1210, 9.8003, -16.7691**, and if you desaturate by 10%, it is **80.0250, 5.4107, -8.7919**.

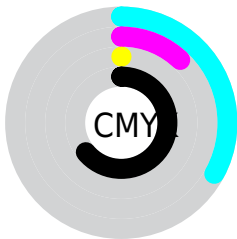
Distribution



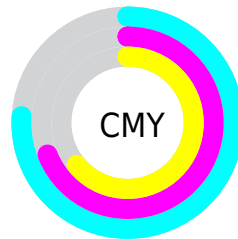
- Red (24%)
- Green (31%)
- Blue (36%)



- Red (24%)
- Yellow (29%)
- Blue (36%)



- Cyan (33%)
- Magenta (12%)
- Yellow (0%)
- Black (64%)



- Cyan (76%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.5730, 7.6055, -12.7805 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 75.5730, 7.6055, -12.7805 by changing the saturation by 10% instead.

■ 75.5730, 7.6055,
-12.7805

■ 75.5730, 7.6055,
-12.7805

■ 255.0000, 0.0000,
0.0000

■ 52.5730, 7.6055,
-12.7805

■ 124.3880, 8.1897,
-13.4953

■ 31.0460, 6.8793,
-13.1953

■ 150.5020, 8.6265,
-13.5953

■ 11.0680, 6.8685,
-9.7066

■ 177.2030, 8.7739,
-14.2100

■ 0.0000, 0.0000,
0.0000

■ 205.2030, 8.7739,
-14.2100

■ 233.2030, 8.7739,
-14.2100

■ 252.0100, 1.4741,

-6.1478

■ 75.5730, 7.6055,
-12.7805

■ 75.5730, 7.6055,
-12.7805

■ 71.1210, 9.8003,
-16.7691

■ 80.0250, 5.4107,
-8.7919

■ 66.0820, 12.2846,
-20.2429

■ 85.0640, 2.9264,
-5.3181

■ 61.6300, 14.4794,
-24.2315

■ 89.5160, 0.7316,
-1.3295

■ 57.1780, 16.6742,
-28.2201

■ 93.9680, -1.4632,
2.6591

■ 52.1390, 19.1585,
-31.6939

■ 99.3060, -4.0949,
6.7476

■ 47.3880, 21.5007,
-36.2973

■ 103.7580, -6.2897,
10.7362

■ 44.4200, 22.9639,
-38.9563

■ 108.2100, -8.4845,
14.7248

■ 113.2490,
-10.9688, 18.1986

■ 117.7010,
-13.1636, 22.1872

Harmonies

Analogous

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



74.3940, 5.7218, -15.2545



75.5730, 7.6055, -12.7805



77.3180, 7.7312, -6.4179

Triad

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



75.5730, 7.6055, -12.7805



78.8490, -0.9116, 12.4104



75.7950, -5.8149, -1.5742

Complementary

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



75.5730, 7.6055, -12.7805



76.4270, -7.6055, 12.7805

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.



76.7850, -7.2890, 4.5736



75.5730, 7.6055, -12.7805



78.5240, -4.6953, 12.6955

Square

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



75.5730, 7.6055, -12.7805



78.7390, 2.5937, 8.1219



77.9320, -6.8685, 9.7066



74.9620, -2.4463, -8.7367

Rectangle

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



75.5730, 7.6055, -12.7805



78.0090, 6.4046, -0.8849



77.9320, -6.8685, 9.7066



76.5780, -6.6940, 0.3701

Sweetspot

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



75.5730, 7.6055, -12.7805



111.3630, 2.7790, -4.7034



79.8640, -3.8770, -16.5437



55.1460, 1.9000, -2.7590



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.



75.5730, 7.6055, -12.7805



92.9680, 11.8478, -20.1429



66.7680, 11.9464, -5.0585



43.3310, 1.3158, -2.0443



53.0430, 28.0798, -46.5187



115.0680, 60.1125, -100.9146

Inverse Universe

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



72.1360, 3.8770, 16.5437



87.4730, 6.1758, 25.8952



85.2320, -11.9464, 5.0585



42.8370, 0.5734, 2.7740



40.7560, 13.9243, 60.7270



87.9630, 30.5842, 130.7054

Previews

White Background



This preview shows how the YUV color 75.5730, 7.6055, -12.7805 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 75.5730, 7.6055, -12.7805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

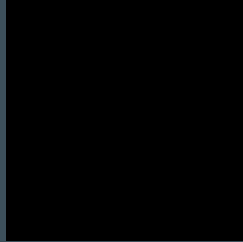
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.5730, 7.6055, -12.7805

Background



This preview shows how black text looks on a background with the YUV color 75.5730, 7.6055, -12.7805.



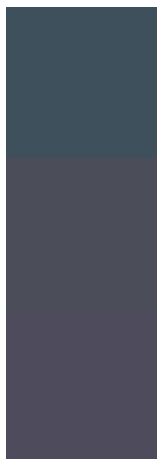
This preview shows how white text looks on a background with the YUV color 75.5730, 7.6055, -12.7805.

-12.7805.

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

75.5730, 7.6055, -12.7805

Protanopia

77.7700, 5.5364, -2.4293

Deuteranopia

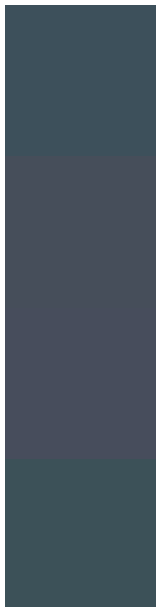
77.5360, 7.1308, -0.4701



Tritanopia

75.4050, 5.7163, -13.5102

Trichromacy



Original Color

75.5730, 7.6055, -12.7805

Protanomaly

76.9760, 6.4208, -6.1180

Deuteranomaly

76.9160, 7.4364, -5.1883

Tritanomaly

75.5190, 6.1531, -13.6102

Monochromacy



Original Color

75.5730, 7.6055, -12.7805

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.6620, 2.6316, -4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.5730, 7.6055, -12.7805 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(61, 80, 91)` looks like.

```
.text, #text, p{  
    color:rgb(61, 80, 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(61, 80, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 80, 91) }
```

Border

The CSS property to change the border of an element to YUV 75.5730, 7.6055, -12.7805 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(61, 80, 91) }
```


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

```
.border{ border-color:rgb(61, 80, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 80, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 80, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 80, 91);  
box-shadow:4px 4px 4px 4px rgb(61, 80, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.5730, 7.6055, -12.7805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 80, 91) }
```

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

```
.background{ background-color: rgb(61, 80,  
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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