

Converting Colors

YUV(72.2550, -0.1257, -6.3626)

Have a look what the booklet for
YUV(72.2550, -0.1257, -6.3626)
contains.

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Color

**YUV(72.2550, -0.1257,
-6.3626)**

Conversions

Conversions Part 1

Format	Color
Hex	414C48
RGB	65, 76, 72
RGB Percent	25%, 30%, 28%
CMY	0.7451, 0.7020, 0.7176
CMYK	0.14, 0.00, 0.05, 0.70
HSL	158°, 8%, 28%
HSV	158°, 14%, 30%
XYZ	5.9341, 6.7606, 7.1231
YIQ	72.2550, -5.2720, -3.5760

Conversions

Conversions Part 2

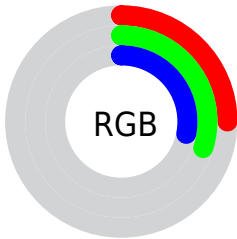
Format	Color
RYB	65, 72, 76
Decimal	4279368
CIELab	31.26, -5.33, 0.89
CIELCh	31, 5.406, 170.546
Yxy	6.7606, 0.2994, 0.3411
Android (android.graphics.Color)	4282469448 (0xFF414C48)
YUV	72.2550, -0.1257, -6.3626
Hunter-Lab	26.0011, -4.7637, 1.9582

Details

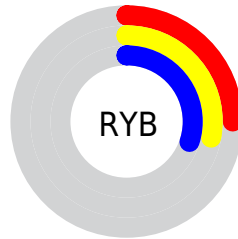
The YUV color **72.2550, -0.1257, -6.3626** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **68.7450, 0.1257, 6.3626**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.8420, -0.4151, -6.8774**, and **28.6680, 0.1637, -5.8478** is the 20% darker color. If you saturate the color by 10%, you get **69.5210, -0.2569, -10.9809**, and if you desaturate by 10%, it is **74.9890, 0.0054, -1.7444**.

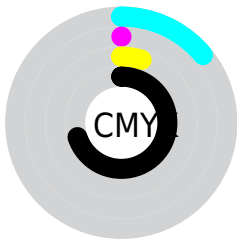
Distribution



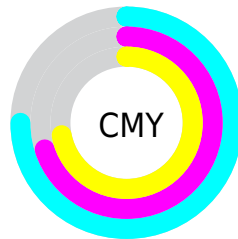
- Red (25%)
- Green (30%)
- Blue (28%)



- Red (25%)
- Yellow (28%)
- Blue (30%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (70%)



- Cyan (75%)
- Magenta (70%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.2550, -0.1257, -6.3626 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 72.2550, -0.1257, -6.3626 by changing the saturation by 10% instead.

■ 72.2550, -0.1257,
-6.3626

■ 72.2550, -0.1257,
-6.3626

■ 255.0000, 0.0000,
0.0000

■ 49.6680, 0.1637,
-5.8478

■ 120.8420, -0.4151,
-6.8774

■ 28.6680, 0.1637,
-5.8478

■ 146.5430, -0.2677,
-7.4922

■ 5.5110, -1.7309,
-4.8331

■ 172.9560, 0.0217,
-6.9774

■ 0.0000, 0.0000,
0.0000

■ 200.5430, -0.2677,
-7.4922

■ 228.5430, -0.2677,
-7.4922

■ 252.9070, 1.0318,

-4.3034

■ 72.2550, -0.1257,
-6.3626

■ 72.2550, -0.1257,
-6.3626

■ 69.5210, -0.2569,
-10.9809

■ 74.9890, 0.0054,
-1.7444

■ 67.0860, -0.5354,
-14.9844

■ 77.4240, 0.2840,
2.2592

■ 64.4660, -0.2297,
-19.7027

■ 80.0440, -0.0217,
6.9774

■ 62.0310, -0.5083,
-23.7062

■ 82.4790, 0.2569,
10.9809

■ 59.2970, -0.6394,
-28.3245

■ 85.2130, 0.3880,
15.5992

■ 56.5630, -0.7706,
-32.9428

■ 87.9470, 0.5191,
20.2175

■ 54.2420, -0.6123,
-37.0462

■ 90.2680, 0.3609,
24.3210

■ 51.5080, -0.7434,
-41.6645

■ 93.0020, 0.4920,
28.9392

■ 50.0840, -1.0274,
-43.9237

■ 95.4370, 0.7706,
32.9428

Harmonies

Analogous

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



72.4080, -2.1731, -2.9888



72.2550, -0.1257, -6.3626



72.1130, 1.9163, -7.9921

Triad

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



72.2550, -0.1257, -6.3626



73.9120, 3.4944, -0.7998



74.4200, -3.6581, 6.6477

Complementary

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



72.2550, -0.1257, -6.3626



68.7450, 0.1257, 6.3626

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.



74.5880, -1.7689, 7.3773



72.2550, -0.1257, -6.3626



74.5920, 2.1731, 2.9888

Square

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



72.2550, -0.1257, -6.3626



73.1180, 4.3788, -4.4885



74.4460, 0.2731, 5.7479



73.5830, -4.2314, 3.8737

Rectangle

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



72.2550, -0.1257, -6.3626



72.4550, 3.2267, -8.2920



74.4460, 0.2731, 5.7479



73.9470, -2.9319, 7.0625

Sweetspot

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



72.2550, -0.1257, -6.3626



97.6900, 0.1528, -2.3591



72.6530, -3.7729, -3.2037



49.9890, 0.0054, -1.7444



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



72.2550, -0.1257, -6.3626



93.5320, -0.2623, -9.2366



72.1240, 1.9109, -6.2477



36.6900, 0.1528, -2.3591



67.2840, -1.1260, -59.0081



151.6540, -2.7874, -133.0006

Inverse Universe

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



68.7450, 0.1257, 6.3626



88.4680, 0.2623, 9.2366



68.8760, -1.9109, 6.2477



35.4240, 0.2840, 2.2592



34.7160, 1.1260, 59.0081



78.2320, 2.3506, 133.1005

Previews

White Background



This preview shows how the YUV color 72.2550, -0.1257, -6.3626 looks on a white background.

Color Contrast Check

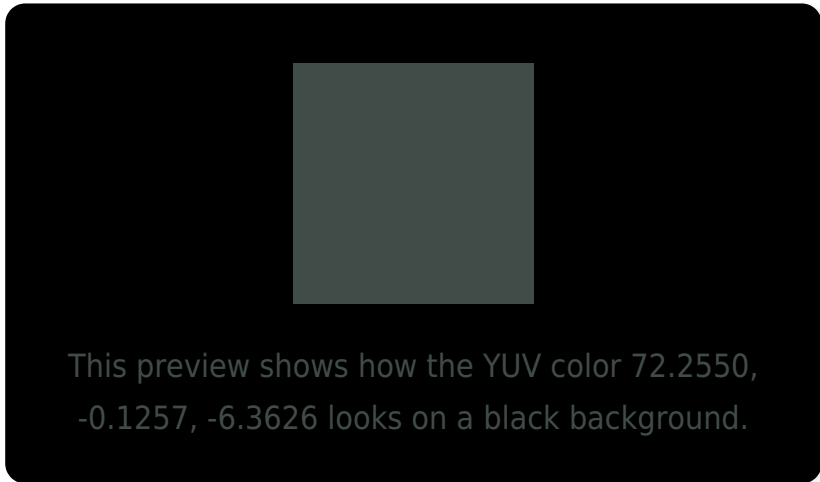
Large Text (above 18pt) WCAG AA ✓ Pass

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

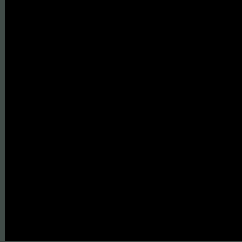
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.2550, -0.1257, -6.3626

Background



This preview shows how black text looks on a background with the YUV color 72.2550, -0.1257, -6.3626.



This preview shows how white text looks on a background with the YUV color 72.2550, -0.1257, -6.3626.

-6.3626.

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

72.2550, -0.1257, -6.3626

Protanopia

73.2560, -1.6052, 1.5295

Deuteranopia

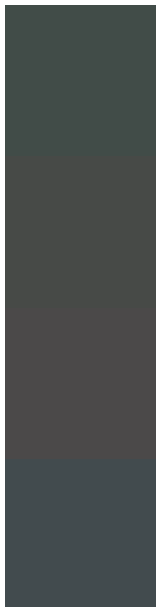
74.2180, -0.6005, 5.9478



Tritanopia

73.2920, 3.8000, -5.5181

Trichromacy



Original Color

72.2550, -0.1257, -6.3626

Protanomaly

72.7610, -0.8682, -1.5444

Deuteranomaly

73.5980, -0.2948, 1.2296

Tritanomaly

72.6510, 2.6371, -5.8329

Monochromacy



Original Color

72.2550, -0.1257, -6.3626

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.6900, 0.1528, -2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.2550, -0.1257, -6.3626 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(65, 76, 72)` looks like.

```
.text, #text, p{  
    color:rgb(65, 76, 72)  
}
```

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(65, 76, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 76, 72) }
```

Border

The CSS property to change the border of an element to YUV 72.2550, -0.1257, -6.3626 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(65, 76, 72) }
```


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

```
.border{ border-color:rgb(65, 76, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 76, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 76, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 76, 72);  
box-shadow:4px 4px 4px 4px rgb(65, 76, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.2550, -0.1257, -6.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 76, 72) }
```

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

```
.background{ background-color: rgb(65, 76,  
72) }
```

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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