

Converting Colors

YUV(43.4490, 5.6946, -6.5328)

Have a look what the booklet for
YUV(43.4490, 5.6946, -6.5328)
contains.

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Color

**YUV(43.4490, 5.6946,
-6.5328)**

Conversions

Conversions Part 1

Format	Color
Hex	242D37
RGB	36, 45, 55
RGB Percent	14%, 18%, 22%
CMY	0.8588, 0.8235, 0.7843
CMYK	0.35, 0.18, 0.00, 0.78
HSL	212°, 21%, 18%
HSV	212°, 35%, 22%
XYZ	2.3555, 2.5277, 3.9782
YIQ	43.4490, -8.5740, 1.2020

Conversions

Conversions Part 2

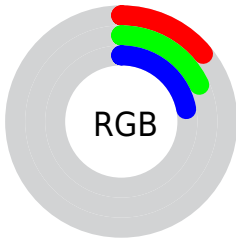
Format	Color
RYB	36, 42, 55
Decimal	2370871
CIELab	18.04, -0.96, -7.67
CIELCh	18, 7.730, 262.849
Yxy	2.5277, 0.2658, 0.2852
Android (android.graphics.Color)	4280560951 (0xFF242D37)
YUV	43.4490, 5.6946, -6.5328
Hunter-Lab	15.8987, -1.3763, -3.7065

Details

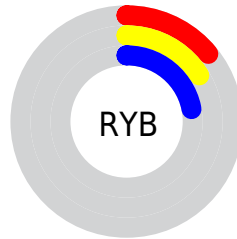
The YUV color **43.4490, 5.6946, -6.5328** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **47.5510, -5.6946, 6.5328**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.2640, 6.2788, -7.2475**, and **1.1400, 4.3680, -0.9998** is the 20% darker color. If you saturate the color by 10%, you get **39.8940, 7.4473, -8.6770**, and if you desaturate by 10%, it is **46.7050, 4.0894, -5.0033**.

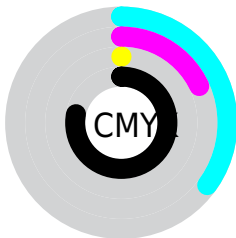
Distribution



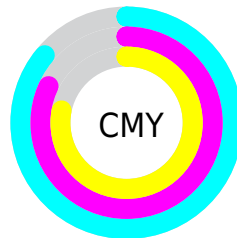
- Red (14%)
- Green (18%)
- Blue (22%)



- Red (14%)
- Yellow (16%)
- Blue (22%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)
- Black (78%)



- Cyan (86%)
- Magenta (82%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.4490, 5.6946, -6.5328 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 43.4490, 5.6946, -6.5328 by changing the saturation by 10% instead.

■ 43.4490, 5.6946,
-6.5328

■ 43.4490, 5.6946,
-6.5328

■ 255.0000, 0.0000,
0.0000

■ 22.4490, 5.6946,
-6.5328

■ 89.2640, 6.2788,
-7.2475

■ 1.1400, 4.3680,
-0.9998

■ 113.3780, 6.7156,
-7.3475

■ 0.0000, 0.0000,
0.0000

■ 139.3780, 6.7156,
-7.3475

■ 165.3780, 6.7156,
-7.3475

■ 192.4920, 7.1524,
-7.4475

■ 220.1930, 7.2999,

-8.0623

248.1670, 3.3687,
-7.1625

43.4490, 5.6946,
-6.5328

43.4490, 5.6946,
-6.5328

39.8940, 7.4473,
-8.6770

46.7050, 4.0894,
-5.0033

36.6380, 9.0525,
-10.2065

50.2600, 2.3368,
-2.8590

33.0830, 10.8051,
-12.3508

53.8150, 0.5842,
-0.7148

29.8270, 12.4103,
-13.8803

57.0710, -1.0210,
0.8147

26.8590, 13.8735,
-16.5393

60.0390, -2.4842,
3.4738

■ 23.6030, 15.4787,
-18.0688

■ 63.2950, -4.0894,
5.0033

■ 21.5320, 16.4997,
-18.8836

■ 66.8500, -5.8420,
7.1476

■ 70.1060, -7.4473,
8.6770

■ 73.6610, -9.1999,
10.8213

Harmonies

Analogous

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



42.0140, 5.4161, -10.5363



43.4490, 5.6946, -6.5328



44.2540, 4.8048, -1.0998

Triad

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



43.4490, 5.6946, -6.5328



44.7840, -2.3585, 9.8364



42.2830, -2.6045, -4.6332

Complementary

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



43.4490, 5.6946, -6.5328



47.5510, -5.6946, 6.5328

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.



43.4470, -4.6574, 0.4850



43.4490, 5.6946, -6.5328



44.7900, -4.8265, 8.0772

Square

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



43.4490, 5.6946, -6.5328



44.8700, 0.5571, 8.0070



43.9530, -5.3998, 5.3032



42.0590, 0.4639, -8.8217

Rectangle

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



43.4490, 5.6946, -6.5328



44.9340, 3.4835, 2.6889



43.9530, -5.3998, 5.3032



43.0660, -3.4835, -2.6889

Sweetspot

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



43.4490, 5.6946, -6.5328



67.1460, 1.9000, -2.7590



48.2930, -1.1304, -10.7810



32.7440, 1.6052, -1.5295



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



43.4490, 5.6946, -6.5328



53.5240, 8.6157, -10.1065



38.1660, 8.2992, -1.8996



26.5160, 0.7316, -1.3295



35.7290, 27.7416, -31.3343



86.0140, 65.5621, -75.4343

Inverse Universe

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



42.7070, 1.1304, 10.7810



52.2670, 1.8404, 16.4288



52.8340, -8.2992, 1.8996



26.1250, 0.4314, 1.6444



32.4100, 5.2209, 52.2604



77.3370, 13.1449, 124.2385

Previews

White Background



This preview shows how the YUV color 43.4490, 5.6946, -6.5328 looks on a white background.

Color Contrast Check

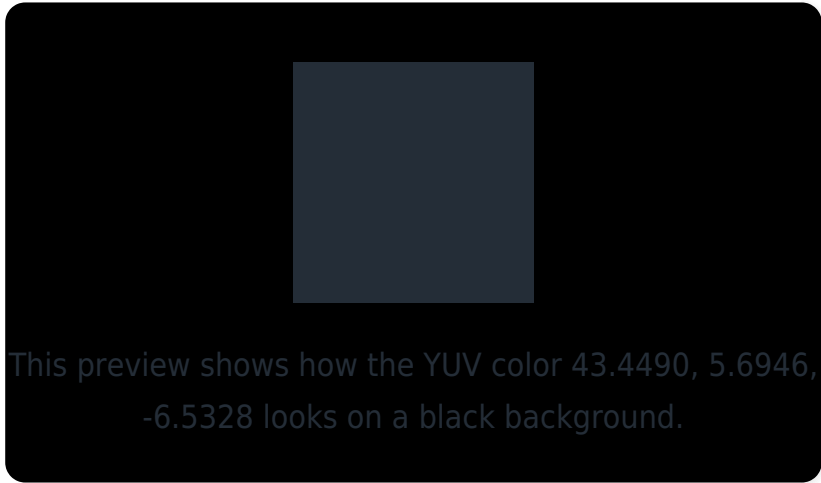
Large Text (above 18pt) WCAG AA ✓ Pass

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

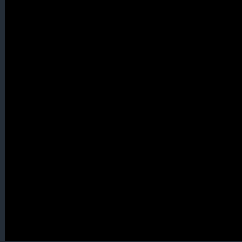
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

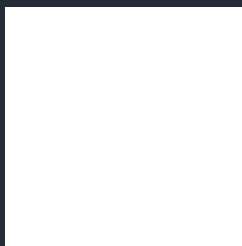
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 43.4490, 5.6946, -6.5328

Background



This preview shows how black text looks on a background with the YUV color 43.4490, 5.6946, -6.5328.



This preview shows how white text looks on a background with the YUV color 43.4490, 5.6946, -6.5328.

-6.5328.

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

43.4490, 5.6946, -6.5328

Protanopia

44.5420, 4.6628, -2.2293

Deuteranopia

44.0690, 5.3890, -1.8145



Tritanopia

43.1670, 3.3687, -7.1625

Trichromacy



Original Color

43.4490, 5.6946, -6.5328

Protanomaly

43.9440, 4.9576, -3.4589

Deuteranomaly

44.0580, 5.3944, -3.5589

Tritanomaly

43.3950, 4.2423, -7.3624

Monochromacy



Original Color

43.4490, 5.6946, -6.5328

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.1460, 1.9000, -2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.4490, 5.6946, -6.5328 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(36, 45, 55)` looks like.

```
.text, #text, p{  
    color:rgb(36, 45, 55)  
}
```

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(36, 45, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 45, 55) }
```

Border

The CSS property to change the border of an element to YUV 43.4490, 5.6946, -6.5328 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(36, 45, 55) }
```


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

```
.border{ border-color:rgb(36, 45, 55) }
```

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

Here you see how a box with a 4 pixel rgb(36, 45, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 45, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 45, 55);  
box-shadow:4px 4px 4px 4px rgb(36, 45, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.4490, 5.6946, -6.5328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 45, 55) }
```

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

```
.background{ background-color: rgb(36, 45,  
55) }
```

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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