

Converting Colors

YUV(72.2140, -4.5425, 10.3363)

Have a look what the booklet for
YUV(72.2140, -4.5425, 10.3363)
contains.

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Color

**YUV(72.2140, -4.5425,
10.3363)**

Conversions

Conversions Part 1

Format	Color
Hex	54443F
RGB	84, 68, 63
RGB Percent	33%, 27%, 25%
CMY	0.6706, 0.7333, 0.7529
CMYK	0.00, 0.19, 0.25, 0.67
HSL	14°, 14%, 29%
HSV	14°, 25%, 33%
XYZ	6.6205, 6.3779, 5.5848
YIQ	72.2140, 11.1410, 1.8370

Conversions

Conversions Part 2

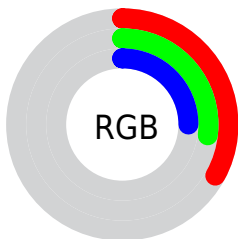
Format	Color
RYB	84, 70, 63
Decimal	5522495
CIELab	30.35, 5.96, 5.60
CIELCh	30, 8.173, 43.232
Yxy	6.3779, 0.3563, 0.3432
Android (android.graphics.Color)	4283712575 (0xFF54443F)
YUV	72.2140, -4.5425, 10.3363
Hunter-Lab	25.2546, 2.5982, 4.5669

Details


The YUV color **72.2140, -4.5425, 10.3363** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **74.7860, 4.5425, -10.3363**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.8120, -4.8373, 11.5659**, and **28.4310, -3.6635, 8.3920** is the 20% darker color. If you saturate the color by 10%, you get **67.7800, -6.3005, 14.2249**, and if you desaturate by 10%, it is **76.6480, -2.7845, 6.4477**.

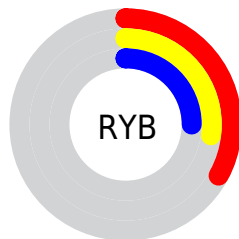
Distribution



 Red (33%)

 Green (27%)

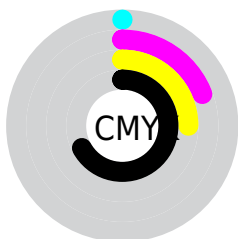
 Blue (25%)




 Red (33%)

 Yellow (27%)

 Blue (25%)

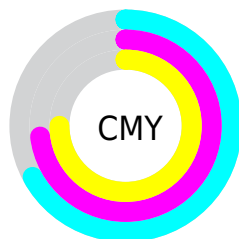



 Cyan (0%)


 Magenta (19%)

 Yellow (25%)

 Black (67%)



 Cyan (67%)

 Magenta (73%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.2140, -4.5425, 10.3363 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 72.2140, -4.5425, 10.3363 by changing the saturation by 10% instead.

■ 72.2140, -4.5425,
10.3363

■ 72.2140, -4.5425,
10.3363

■ 255.0000, 0.0000,
0.0000

■ 49.9150, -4.3951,
9.7215

■ 120.8120, -4.8373,
11.5659

■ 28.4310, -3.6635,
8.3920

■ 146.6980, -5.2741,
11.6659

■ 4.7840, -2.3585,
9.8364

■ 172.9970, -5.4215,
12.2806

■ 0.0000, 0.0000,
0.0000

■ 200.2960, -5.5689,
12.8954

■ 228.5950, -5.7163,
13.5102

■ 252.0990, -3.4998,

2.5442

■ 72.2140, -4.5425,
10.3363

■ 72.2140, -4.5425,
10.3363

■ 67.7800, -6.3005,
14.2249

■ 76.6480, -2.7845,
6.4477

■ 62.6450, -8.2060,
18.7283

■ 81.7830, -0.8790,
1.9443

■ 58.2110, -9.9640,
22.6170

■ 86.2170, 0.8790,
-1.9443

■ 53.0760, -11.8695,
27.1203

■ 91.3520, 2.7845,
-6.4477

■ 48.6420, -13.6275,
31.0090

■ 95.7860, 4.5425,
-10.3363

■ 44.2080, -15.3855,
34.8976

■ 100.2200, 6.3005,
-14.2249

■ 39.0730, -17.2910,
39.4010

■ 105.3550, 8.2060,
-18.7283

■ 36.8560, -18.1700,
41.3453

■ 109.7890, 9.9640,
-22.6170

■ 114.9240, 11.8695,
-27.1203

Harmonies

Analogous

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



72.6100, -1.7797, 10.8660



72.2140, -4.5425, 10.3363



71.7360, -6.2788, 7.2475

Triad

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



72.2140, -4.5425, 10.3363



69.7170, -0.8465, -8.5218



71.5850, 6.1206, -3.1440

Complementary

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



72.2140, -4.5425, 10.3363



74.7860, 4.5425, -10.3363

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.



70.2530, 6.2843, -8.9919



72.2140, -4.5425, 10.3363



68.9060, 2.5113, -12.1956

Square

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



72.2140, -4.5425, 10.3363



70.2400, -4.0623, -3.7185



69.8890, 4.9847, -12.1807



72.4610, 4.2097, 3.1037

Rectangle

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



72.2140, -4.5425, 10.3363



71.1270, -5.9786, 4.2736



69.8890, 4.9847, -12.1807



71.2750, 6.2734, -5.5032

Sweetspot

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



72.2140, -4.5425, 10.3363



104.8650, -1.9054, 4.5034



71.1030, 3.8932, 11.3107



52.9680, -1.4632, 2.6591



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



72.2140, -4.5425, 10.3363



91.5630, -7.1796, 16.1692



78.0840, -7.4364, 5.1883



38.7830, -0.8790, 1.9443



46.0700, -22.7125, 51.6816



101.6530, -50.1149, 114.3143

Inverse Universe

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



74.7860, 4.5425, -10.3363



95.4370, 7.1796, -16.1692



68.9160, 7.4364, -5.1883



39.2170, 0.8790, -1.9443



58.9300, 22.7125, -51.6816



130.3470, 50.1149, -114.3143

Previews

White Background



This preview shows how the YUV color 72.2140, -4.5425, 10.3363 looks on a white background.

Color Contrast Check

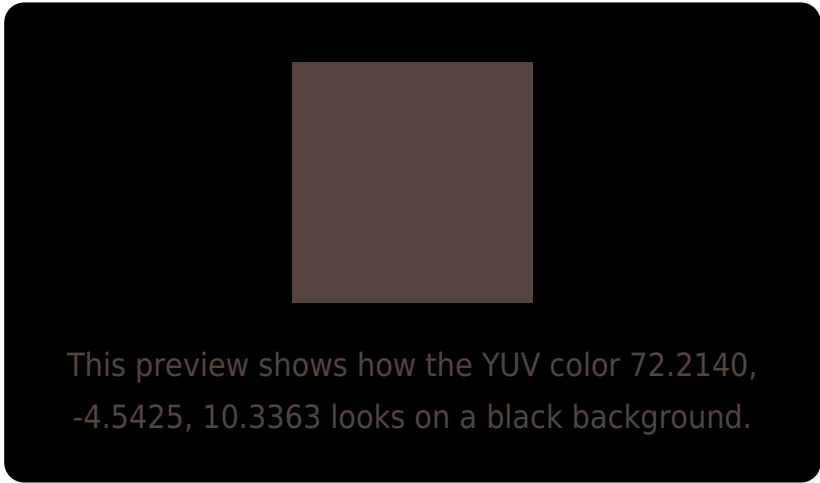
Large Text (above 18pt) WCAG AA ✓ Pass

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

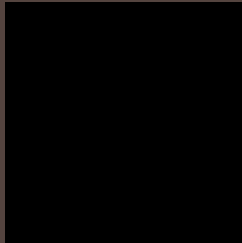
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.2140, -4.5425, 10.3363

Background



This preview shows how black text looks on a background with the YUV color 72.2140, -4.5425, 10.3363.

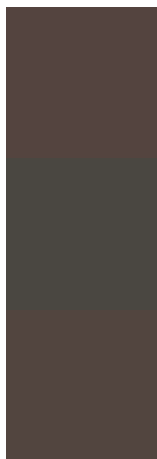


This preview shows how white text looks on a background with the YUV color 72.2140, -4.5425,

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

72.2140, -4.5425, 10.3363

Protanopia

71.2130, -3.0630, 2.4442

Deuteranopia

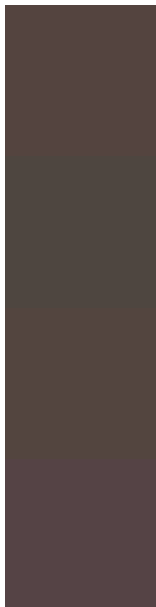
72.2030, -4.5371, 8.5920



Tritanopia

72.9520, -0.4693, 10.5661

Trichromacy



Original Color

72.2140, -4.5425, 10.3363

Protanomaly

71.7080, -3.8000, 5.5181

Deuteranomaly

72.5020, -4.6845, 9.2067

Tritanomaly

72.6100, -1.7797, 10.8660

Monochromacy



Original Color

72.2140, -4.5425, 10.3363

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.2670, -1.6106, 3.2738

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.2140, -4.5425, 10.3363 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(84, 68, 63)` looks like.

```
.text, #text, p{  
    color:rgb(84, 68, 63)  
}
```

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(84, 68, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 68, 63) }
```

Border

The CSS property to change the border of an element to YUV 72.2140, -4.5425, 10.3363 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(84, 68, 63) }
```


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

```
.border{ border-color:rgb(84, 68, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 68, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 68, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 68, 63);  
box-shadow:4px 4px 4px 4px rgb(84, 68, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.2140, -4.5425, 10.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 68, 63) }
```

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

```
.background{ background-color: rgb(84, 68,  
63) }
```

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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