

Converting Colors

YUV(72.5950, 4.1437, -22.4468)

Have a look what the booklet for
YUV(72.5950, 4.1437, -22.4468)
contains.

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Color

**YUV(72.5950, 4.1437,
-22.4468)**

Conversions

Conversions Part 1

Format	Color
Hex	2F5451
RGB	47, 84, 81
RGB Percent	18%, 33%, 32%
CMY	0.8157, 0.6706, 0.6824
CMYK	0.44, 0.00, 0.04, 0.67
HSL	175°, 28%, 26%
HSV	175°, 44%, 33%
XYZ	5.8278, 7.5391, 8.9326
YIQ	72.5950, -21.0890, -8.7770

Conversions

Conversions Part 2

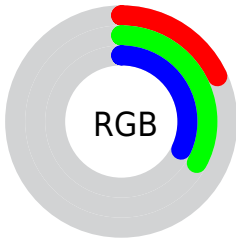
Format	Color
RYB	47, 66, 84
Decimal	3101777
CIELab	33.00, -14.06, -2.41
CIELCh	33, 14.266, 189.741
Yxy	7.5391, 0.2613, 0.3381
Android (android.graphics.Color)	4281291857 (0xFF2F5451)
YUV	72.5950, 4.1437, -22.4468
Hunter-Lab	27.4574, -10.1638, -0.0685

Details

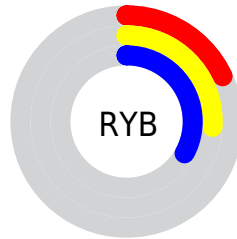
The YUV color **72.5950, 4.1437, -22.4468** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **58.4050, -4.1437, 22.4468**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.1820, 3.8543, -22.9616**, and **27.1110, 4.8753, -23.7763** is the 20% darker color. If you saturate the color by 10%, you get **70.0890, 4.8861, -27.2651**, and if you desaturate by 10%, it is **75.1010, 3.4012, -17.6286**.

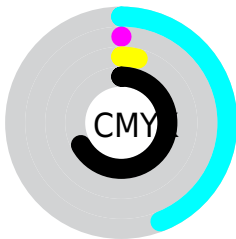
Distribution



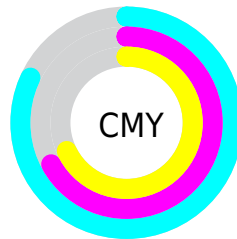
- Red (18%)
- Green (33%)
- Blue (32%)



- Red (18%)
- Yellow (26%)
- Blue (33%)



- Cyan (44%)
- Magenta (0%)
- Yellow (4%)
- Black (67%)



- Cyan (82%)
- Magenta (67%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.5950, 4.1437, -22.4468 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 72.5950, 4.1437, -22.4468 by changing the saturation by 10% instead.

■ 72.5950, 4.1437,
-22.4468

■ 72.5950, 4.1437,
-22.4468

■ 255.0000, 0.0000,
0.0000

■ 49.2960, 4.2911,
-23.0616

■ 122.1820, 3.8543,
-22.9616

■ 27.1110, 4.8753,
-23.7763

■ 147.8830, 4.0017,
-23.5764

■ 12.8630, 1.0535,
-11.2809

■ 174.5840, 4.1491,
-24.1912

■ 0.0000, 0.0000,
0.0000

■ 202.2850, 4.2965,
-24.8059

■ 230.2850, 4.2965,
-24.8059

■ 247.5250, 3.6852,

-15.3694

■ 72.5950, 4.1437,
-22.4468

■ 72.5950, 4.1437,
-22.4468

■ 70.0890, 4.8861,
-27.2651

■ 75.1010, 3.4012,
-17.6286

■ 67.3980, 6.2128,
-32.7980

■ 77.7920, 2.0745,
-12.0956

■ 64.8920, 6.9552,
-37.6163

■ 80.2980, 1.3321,
-7.2773

■ 62.0870, 7.8451,
-43.0493

■ 83.1030, 0.4422,
-1.8443

■ 59.6950, 9.0244,
-47.9675

■ 85.4950, -0.7370,
3.0739

■ 58.0860, 9.3246,
-50.9414

■ 88.0010, -1.4795,
7.8921

■ 90.8060, -2.3694,
13.3251

■ 93.1980, -3.5486,
18.2434

■ 96.0030, -4.4385,
23.6764

Harmonies

Analogous

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



73.6300, -2.2826, -14.5845



72.5950, 4.1437, -22.4468



72.6640, 9.5326, -24.2613

Triad

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



72.5950, 4.1437, -22.4468



78.7970, 7.9881, 4.5630



77.7430, -10.2263, 13.3804

Complementary

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



72.5950, 4.1437, -22.4468



58.4050, -4.1437, 22.4468

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.



78.5740, -7.1850, 17.9136



72.5950, 4.1437, -22.4468



79.2990, 3.3036, 13.7698

Square

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



72.5950, 4.1437, -22.4468



77.2300, 11.2256, -7.2177



78.8390, -2.3856, 18.5582



76.5740, -10.6360, 4.7586

Rectangle

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



72.5950, 4.1437, -22.4468



74.1420, 11.2690, -21.1725



78.8390, -2.3856, 18.5582



77.9820, -9.3581, 14.9248

Sweetspot

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



72.5950, 4.1437, -22.4468



105.2870, 1.3375, -9.0217



69.6160, -11.1497, -17.2032



53.1950, 0.8899, -5.4330



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.



72.5950, 4.1437, -22.4468



92.0880, 6.3656, -35.1572



64.1320, 9.7949, -15.0248



39.6900, 0.1528, -2.3591



72.5790, 11.5466, -63.6518



160.4660, 25.8993, -140.7287

Inverse Universe

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



58.4050, -4.1437, 22.4468



69.7980, -6.8024, 35.2572



66.8680, -9.7949, 15.0248



38.1960, -0.5896, 2.4591



32.3070, -11.9834, 63.7518



71.5340, -25.8993, 140.7287

Previews

White Background



This preview shows how the YUV color 72.5950, 4.1437, -22.4468 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 72.5950, 4.1437, -22.4468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

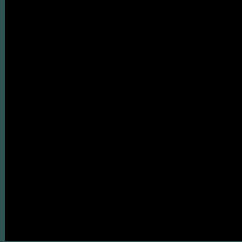
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.5950, 4.1437, -22.4468

Background



This preview shows how black text looks on a background with the YUV color 72.5950, 4.1437, -22.4468.



This preview shows how white text looks on a background with the YUV color 72.5950, 4.1437, -22.4468.

-22.4468.

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

72.5950, 4.1437, -22.4468

Protanopia

77.5980, -0.2948, 1.2296

Deuteranopia

78.0050, 2.4625, 3.5036



Tritanopia

73.5180, 7.6326, -21.5023

Trichromacy



Original Color

72.5950, 4.1437, -22.4468

Protanomaly

75.8850, 1.0427, -7.7921

Deuteranomaly

75.7650, 3.0739, -5.9329

Tritanomaly

72.8770, 6.4696, -21.8171

Monochromacy



Original Color

72.5950, 4.1437, -22.4468

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9990, 1.4795, -7.8921

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.5950, 4.1437, -22.4468 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(47, 84, 81)` looks like.

```
.text, #text, p{  
    color:rgb(47, 84, 81)  
}
```

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(47, 84, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 84, 81) }
```

Border

The CSS property to change the border of an element to YUV 72.5950, 4.1437, -22.4468 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(47, 84, 81) }
```


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

```
.border{ border-color:rgb(47, 84, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 84, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 84, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 84, 81);  
box-shadow:4px 4px 4px 4px rgb(47, 84, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.5950, 4.1437, -22.4468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 84, 81) }
```

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

```
.background{ background-color: rgb(47, 84,  
81) }
```

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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