

Converting Colors

YUV(72.8800, -4.8708, -24.4508)

Have a look what the booklet for
YUV(72.8800, -4.8708, -24.4508)
contains.

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Color

**YUV(72.8800, -4.8708,
-24.4508)**

Conversions

Conversions Part 1

Format	Color
Hex	2D593F
RGB	45, 89, 63
RGB Percent	18%, 35%, 25%
CMY	0.8235, 0.6510, 0.7529
CMYK	0.49, 0.00, 0.29, 0.65
HSL	145°, 33%, 26%
HSV	145°, 49%, 35%
XYZ	5.5518, 8.0615, 5.9660
YIQ	72.8800, -17.8780, -17.4140

Conversions

Conversions Part 2

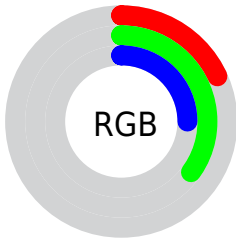
Format	Color
RYB	45, 76, 89
Decimal	2971967
CIELab	34.11, -21.99, 10.43
CIELCh	34, 24.344, 154.621
Yxy	8.0615, 0.2836, 0.4117
Android (android.graphics.Color)	4281162047 (0xFF2D593F)
YUV	72.8800, -4.8708, -24.4508
Hunter-Lab	28.3928, -14.7846, 7.4167

Details

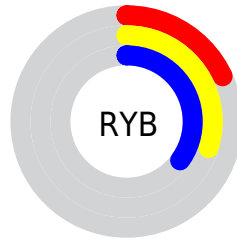
The YUV color **72.8800, -4.8708, -24.4508** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **61.1200, 4.8708, 24.4508**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.3530, -5.5970, -24.8656**, and **27.5210, -3.7079, -24.1359** is the 20% darker color. If you saturate the color by 10%, you get **69.6190, -5.7282, -29.4839**, and if you desaturate by 10%, it is **76.1410, -4.0135, -19.4177**.

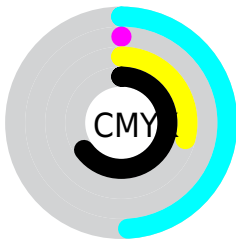
Distribution



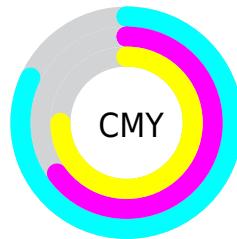
- Red (18%)
- Green (35%)
- Blue (25%)



- Red (18%)
- Yellow (30%)
- Blue (35%)



- Cyan (49%)
- Magenta (0%)
- Yellow (29%)
- Black (65%)



- Cyan (82%)
- Magenta (65%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8800, -4.8708, -24.4508 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 72.8800, -4.8708, -24.4508 by changing the saturation by 10% instead.

■ 72.8800, -4.8708,
-24.4508

■ 72.8800, -4.8708,
-24.4508

■ 255.0000, 0.0000,
0.0000

■ 49.1080, -3.9972,
-24.6507

■ 122.3530, -5.5970,
-24.8656

■ 27.5210, -3.7079,
-24.1359

■ 148.5270, -6.1758,
-25.8952

■ 13.5010, -6.6560,
-11.8404

■ 175.1140, -6.4652,
-26.4100

■ 0.0000, 0.0000,
0.0000

■ 202.7010, -6.7546,
-26.9248

■ 231.2880, -7.0440,
-27.4396

■ 245.9010, 0.0488,

-15.6992

■ 72.8800, -4.8708,
-24.4508

■ 72.8800, -4.8708,
-24.4508

■ 69.6190, -5.7282,
-29.4839

■ 76.1410, -4.0135,
-19.4177

■ 66.2440, -7.0223,
-34.4170

■ 79.5160, -2.7194,
-14.4845

■ 62.9830, -7.8796,
-39.4501

■ 82.7770, -1.8621,
-9.4514

■ 59.7220, -8.7369,
-44.4832

■ 86.0380, -1.0047,
-4.4183

■ 56.7600, -9.7417,
-48.9015

■ 89.2990, -0.1474,
0.6148

■ 56.3470, -10.0311,
-49.4163

■ 92.3750, 1.2941,
4.9331

■ 95.6360, 2.1515,
9.9662

■ 98.8970, 3.0088,
14.9993

■ 102.1580, 3.8661,
20.0324

Harmonies

Analogous

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



76.5850, -14.0924, -6.6520



72.8800, -4.8708, -24.4508



65.2820, 8.7350, -48.4823

Triad

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



72.8800, -4.8708, -24.4508



77.8570, 20.2835, -19.1686



80.7390, -10.7173, 30.9239

Complementary

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



72.8800, -4.8708, -24.4508



61.1200, 4.8708, 24.4508

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.



82.0300, -1.9868, 30.6687



72.8800, -4.8708, -24.4508



81.9200, 14.8294, 3.5782

Square

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



72.8800, -4.8708, -24.4508



67.7670, 23.2859, -48.9077



82.9670, 6.9183, 21.0769



79.7890, -16.6580, 22.9870

Rectangle

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



72.8800, -4.8708, -24.4508



63.7740, 15.8874, -55.9298



82.9670, 6.9183, 21.0769



81.1350, -7.9546, 31.4536

Sweetspot

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



72.8800, -4.8708, -24.4508



108.7770, -1.8621, -9.4514



78.6020, -16.5658, -6.6670



54.9130, -1.4361, -6.0627



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.



72.8800, -4.8708, -24.4508



90.1080, -7.4482, -37.8057



75.3880, 4.7387, -26.6503



41.5760, -0.2840, -2.2592



67.8250, -11.7457, -59.4825



148.8890, -26.0743, -130.5757

Inverse Universe

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



61.1200, 4.8708, 24.4508



71.8920, 7.4482, 37.8057



58.6120, -4.7387, 26.6503



40.5380, 0.7208, 2.1592



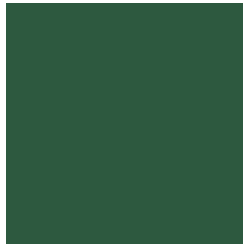
39.1750, 11.7457, 59.4825



86.1110, 26.0743, 130.5757

Previews

White Background



This preview shows how the YUV color 72.8800, -4.8708, -24.4508 looks on a white background.

Color Contrast Check

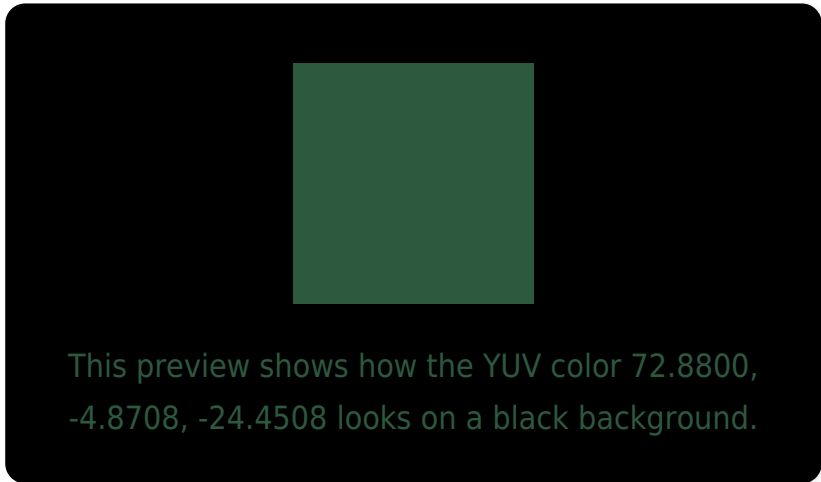
Large Text (above 18pt) WCAG AA ✓ Pass

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

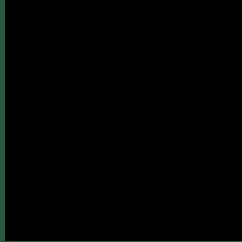
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.8800, -4.8708, -24.4508

Background



This preview shows how black text looks on a background with the YUV color 72.8800, -4.8708, -24.4508.



This preview shows how white text looks on a background with the YUV color 72.8800, -4.8708, -24.4508.

-24.4508.

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

72.8800, -4.8708, -24.4508

Protanopia

79.4000, -10.0572, 5.7882

Deuteranopia

80.5300, -7.1633, 10.9362



Tritanopia

75.9310, 7.9220, -20.9875

Trichromacy



Original Color

72.8800, -4.8708, -24.4508

Protanomaly

76.7900, -8.2775, -5.0778

Deuteranomaly

77.6810, -6.2517, -1.4742

Tritanomaly

74.3670, 3.2701, -22.2469

Monochromacy



Original Color

72.8800, -4.8708, -24.4508

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.0760, -2.0095, -8.8367

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8800, -4.8708, -24.4508 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(45, 89, 63)` looks like.

```
.text, #text, p{  
    color:rgb(45, 89, 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(45, 89, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 89, 63) }
```

Border

The CSS property to change the border of an element to YUV 72.8800, -4.8708, -24.4508 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(45, 89, 63) }
```


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

```
.border{ border-color:rgb(45, 89, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 89, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 89, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 89, 63);  
box-shadow:4px 4px 4px 4px rgb(45, 89, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.8800, -4.8708, -24.4508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 89, 63) }
```

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

```
.background{ background-color: rgb(45, 89,  
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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