

Converting Colors

YUV(72.1020, -21.7423,
-26.3995)

Have a look what the booklet for
YUV(72.1020, -21.7423, -26.3995)
contains.

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Color

**YUV(72.1020, -21.7423,
-26.3995)**

Conversions

Conversions Part 1

Format	Color
Hex	2A601C
RGB	42, 96, 28
RGB Percent	16%, 38%, 11%
CMY	0.8353, 0.6235, 0.8902
CMYK	0.56, 0.00, 0.71, 0.62
HSL	108°, 55%, 24%
HSV	108°, 71%, 38%
XYZ	5.3473, 8.9418, 2.5427
YIQ	72.1020, -10.3560, -32.5960

Conversions

Conversions Part 2

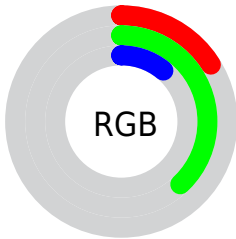
Format	Color
RYB	28, 96, 82
Decimal	2777116
CIELab	35.87, -32.00, 32.27
CIELCh	36, 45.443, 134.759
Yxy	8.9418, 0.3177, 0.5312
Android (android.graphics.Color)	4280967196 (0xFF2A601C)
YUV	72.1020, -21.7423, -26.3995
Hunter-Lab	29.9029, -20.4102, 15.8904

Details

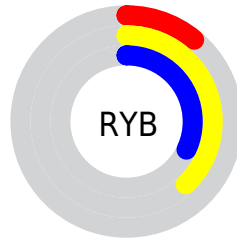
The YUV color **72.1020, -21.7423, -26.3995** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **51.8980, 21.7423, 26.3995**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.6460, -23.4895, -25.9995**, and **28.7630, -14.1802, -25.2252** is the 20% darker color. If you saturate the color by 10%, you get **68.5700, -24.9310, -30.3179**, and if you desaturate by 10%, it is **75.6340, -18.5536, -22.4810**.

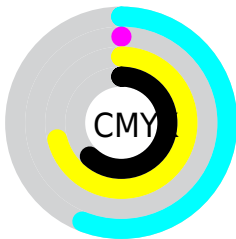
Distribution



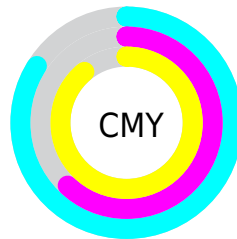
- Red (16%)
- Green (38%)
- Blue (11%)



- Red (11%)
- Yellow (38%)
- Blue (32%)



- Cyan (56%)
- Magenta (0%)
- Yellow (71%)
- Black (62%)



- Cyan (84%)
- Magenta (62%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.1020, -21.7423, -26.3995 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 72.1020, -21.7423, -26.3995 by changing the saturation by 10% instead.

■ 72.1020, -21.7423,
-26.3995

■ 72.1020, -21.7423,
-26.3995

255.0000, 0.0000,
0.0000

■ 46.4930, -21.4420,
-29.3734

■ 122.6460,
-23.4895, -25.9995

■ 28.7630, -14.1802,
-25.2252

■ 149.4180,
-24.3631, -25.7996

■ 17.0230, -8.3923,
-14.9292

■ 176.5920,
-24.9419, -26.8292

■ 0.0000, 0.0000,
0.0000

■ 204.3640,
-25.8155, -26.6292

■ 230.4890,
-25.3841, -24.9849

■ 242.0530,

-17.2811, -10.5705

■ 252.7200, -8.7360,
1.9996

■ 72.1020, -21.7423,
-26.3995

■ 72.1020, -21.7423,
-26.3995

■ 68.5700, -24.9310,
-30.3179

■ 75.6340, -18.5536,
-22.4810

■ 65.4510, -27.8303,
-33.7215

■ 78.7530, -15.6542,
-19.0774

■ 62.3320, -30.7297,
-37.1252

■ 82.2850, -12.4655,
-15.1589

■ 85.4040, -9.5662,
-11.7553

■ 88.9360, -6.3774,
-7.8369

■ 92.4680, -3.1887,
-3.9184

■ 95.5870, -0.2894,
-0.5148

■ 99.1190, 2.8993,
3.4036

■ 102.5370, 5.6513,
7.4221

Harmonies

Analogous

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



77.0710, -37.9960, 6.9537



72.1020, -21.7423, -26.3995



65.9960, -0.9840, -57.8785

Triad

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



72.1020, -21.7423, -26.3995



72.8480, 40.5009, -63.8877



80.4790, -6.1521, 60.0929

Complementary

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



72.1020, -21.7423, -26.3995



51.8980, 21.7423, 26.3995

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.



83.6530, 10.0311, 49.4163



72.1020, -21.7423, -26.3995



78.0630, 37.9299, -32.5043

Square

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



72.1020, -21.7423, -26.3995



74.0900, 30.0286, -64.9769



86.8370, 24.2374, 19.4370



80.9560, -23.1493, 51.7816

Rectangle

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



72.1020, -21.7423, -26.3995



69.4330, 9.6465, -60.8927



86.8370, 24.2374, 19.4370



81.2600, -0.6212, 59.4080

Sweetspot

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



72.1020, -21.7423, -26.3995



115.7570, -8.2612, -10.3109



79.4430, -25.3614, 14.5205



58.2890, -5.0725, -6.3925



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



72.1020, -21.7423, -26.3995



87.8000, -33.9184, -41.0436



70.0820, -11.3794, -36.9059



46.6470, -1.3050, -1.4444



72.6210, -35.8022, -43.5176



155.5310, -76.6768, -93.4277

Inverse Universe

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



51.8980, 21.7423, 26.3995



56.2000, 33.9184, 41.0436



53.9180, 11.3794, 36.9059



45.3530, 1.3050, 1.4444



39.3790, 35.8022, 43.5176



84.1700, 76.8242, 92.8129

Previews

White Background



This preview shows how the YUV color 72.1020, -21.7423, -26.3995 looks on a white background.

Color Contrast Check

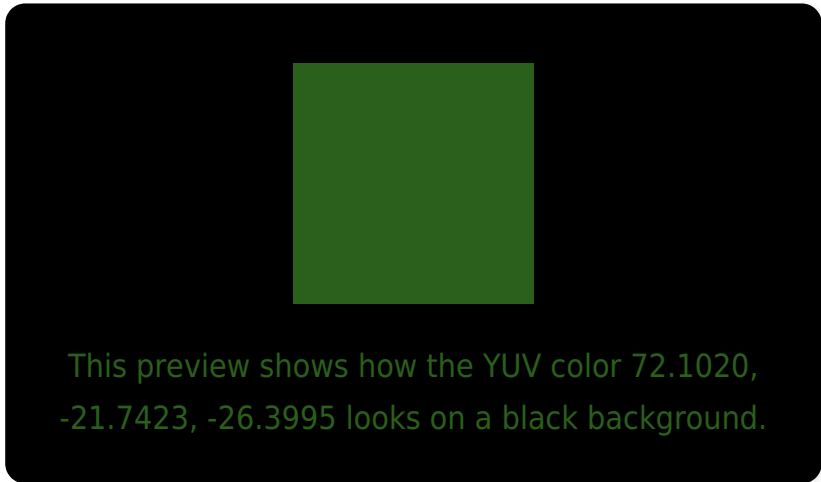
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.1020, -21.7423, -26.3995

Background



This preview shows how black text looks on a background with the YUV color 72.1020, -21.7423, -26.3995.



This preview shows how white text looks on a background with the YUV color 72.1020, -21.7423, -26.3995.

-26.3995.

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

72.1020, -21.7423, -26.3995

Protanopia

80.2640, -27.2452, 12.0465

Deuteranopia

82.2310, -23.7779, 19.9684



Tritanopia

80.6320, 8.0694, -21.6023

Trichromacy



Original Color

72.1020, -21.7423, -26.3995

Protanomaly

77.0450, -25.1652, -1.7935

Deuteranomaly

78.6480, -22.9975, 2.9397

Tritanomaly

77.4610, -2.6923, -23.2063

Monochromacy



Original Color

72.1020, -21.7423, -26.3995

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1700, -7.9718, -9.7961

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.1020, -21.7423, -26.3995 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(42, 96, 28)` looks like.

```
.text, #text, p{  
    color:rgb(42, 96, 28)  
}
```

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(42, 96, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 96, 28) }
```

Border

The CSS property to change the border of an element to YUV 72.1020, -21.7423, -26.3995 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(42, 96, 28) }
```


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

```
.border{ border-color:rgb(42, 96, 28) }
```

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

Here you see how a box with a 4 pixel rgb(42, 96, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 96, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 96, 28);  
box-shadow:4px 4px 4px 4px rgb(42, 96, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.1020, -21.7423, -26.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 96, 28) }
```

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

```
.background{ background-color: rgb(42, 96,  
28) }
```

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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