

Converting Colors

YUV(52.6720, 4.1057, -10.2363)

Have a look what the booklet for
YUV(52.6720, 4.1057, -10.2363)
contains.

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Color

**YUV(52.6720, 4.1057,
-10.2363)**

Conversions

Conversions Part 1

Format	Color
Hex	29393D
RGB	41, 57, 61
RGB Percent	16%, 22%, 24%
CMY	0.8392, 0.7765, 0.7608
CMYK	0.33, 0.07, 0.00, 0.76
HSL	192°, 20%, 20%
HSV	192°, 33%, 24%
XYZ	3.2199, 3.7346, 4.9660
YIQ	52.6720, -10.8200, -2.1480

Conversions

Conversions Part 2

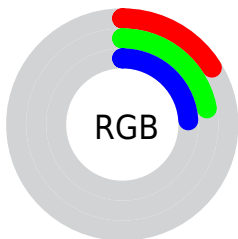
Format	Color
R_{YB}	41, 50, 61
Decimal	2701629
CIE Lab	22.77, -5.34, -4.61
CIE LCh	23, 7.055, 220.756
Yxy	3.7346, 0.2701, 0.3133
Android (android.graphics.Color)	4280891709 (0xFF29393D)
YUV	52.6720, 4.1057, -10.2363
Hunter-Lab	19.3251, -4.0778, -1.7083

Details

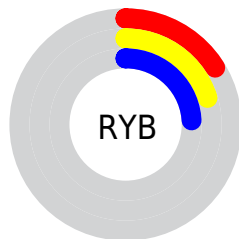
The YUV color **52.6720, 4.1057, -10.2363** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.3280, -4.1057, 10.2363**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.3730, 4.2531, -10.8511**, and **10.3840, 4.2477, -9.1068** is the 20% darker color. If you saturate the color by 10%, you get **50.2910, 5.2795, -13.4102**, and if you desaturate by 10%, it is **55.0530, 2.9319, -7.0625**.

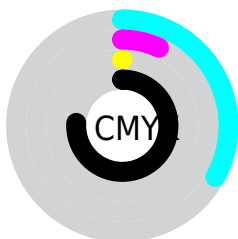
Distribution



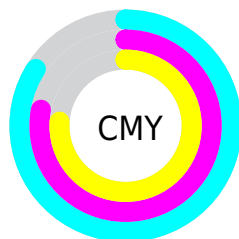
- Red (16%)
- Green (22%)
- Blue (24%)



- Red (16%)
- Yellow (20%)
- Blue (24%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (76%)



- Cyan (84%)
- Magenta (78%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.6720, 4.1057, -10.2363 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 52.6720, 4.1057, -10.2363 by changing the saturation by 10% instead.

■ 52.6720, 4.1057,
-10.2363

■ 52.6720, 4.1057,
-10.2363

■ 255.0000, 0.0000,
0.0000

■ 30.9710, 3.9583,
-9.6216

■ 99.3730, 4.2531,
-10.8511

■ 10.3840, 4.2477,
-9.1068

■ 124.4870, 4.6899,
-10.9511

■ 0.0000, 0.0000,
0.0000

■ 150.1880, 4.8373,
-11.5659

■ 176.8890, 4.9847,
-12.1807

■ 204.1880, 4.8373,
-11.5659

■ 232.8890, 4.9847,

-12.1807

252.6080, 1.1793,
-4.9182

52.6720, 4.1057,
-10.2363

52.6720, 4.1057,
-10.2363

50.2910, 5.2795,
-13.4102

55.0530, 2.9319,
-7.0625

47.9100, 6.4534,
-16.5841

57.4340, 1.7580,
-3.8886

44.9420, 7.9166,
-19.2431

60.4020, 0.2948,
-1.2296

42.5610, 9.0904,
-22.4170

62.7830, -0.8790,
1.9443

40.1800, 10.2643,
-25.5909

65.4630, -2.2003,
5.7329

■ 37.5000, 11.5855,
-29.3795

■ 67.8440, -3.3741,
8.9068

■ 35.7170, 12.4645,
-31.3238

■ 70.8120, -4.8373,
11.5659

■ 73.1930, -6.0111,
14.7397

■ 75.5740, -7.1850,
17.9136

Harmonies

Analogous

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



52.1020, 1.9217, -9.7365



52.6720, 4.1057, -10.2363



53.6230, 5.1159, -7.5624

Triad

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



52.6720, 4.1057, -10.2363



55.3860, 1.2887, 6.6775



54.3440, -5.0996, 2.3293

Complementary

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



52.6720, 4.1057, -10.2363



49.3280, -4.1057, 10.2363

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.



54.7790, -4.8210, 6.3328



52.6720, 4.1057, -10.2363



55.4140, -1.1901, 8.4069

Square

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



52.6720, 4.1057, -10.2363



54.9340, 3.4835, 2.6889



54.8440, -3.3741, 8.9068



53.3650, -3.6309, -2.0741

Rectangle

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



52.6720, 4.1057, -10.2363



54.3460, 5.2524, -4.6884



54.8440, -3.3741, 8.9068



54.0560, -4.9576, 3.4589

Sweetspot

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



52.6720, 4.1057, -10.2363



75.4340, 1.7580, -3.8886



53.1960, -4.0406, -10.6959



38.9180, 1.0264, -2.5591



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



52.6720, 4.1057, -10.2363



66.2090, 6.3060, -15.9693



46.8020, 6.9996, -5.0884



29.5160, 0.7316, -1.3295



54.7410, 19.3547, -48.0079



129.2070, 45.7469, -113.3145

Inverse Universe

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



48.8040, 4.0406, 10.6959



60.1190, 6.3503, 16.5586



55.1980, -6.9996, 5.0884



29.1250, 0.4314, 1.6444



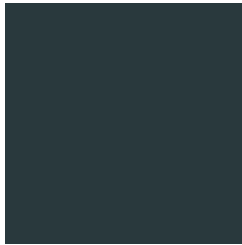
36.6560, 18.9036, 50.2907



86.5560, 44.5889, 118.7844

Previews

White Background



This preview shows how the YUV color 52.6720, 4.1057, -10.2363 looks on a white background.

Color Contrast Check

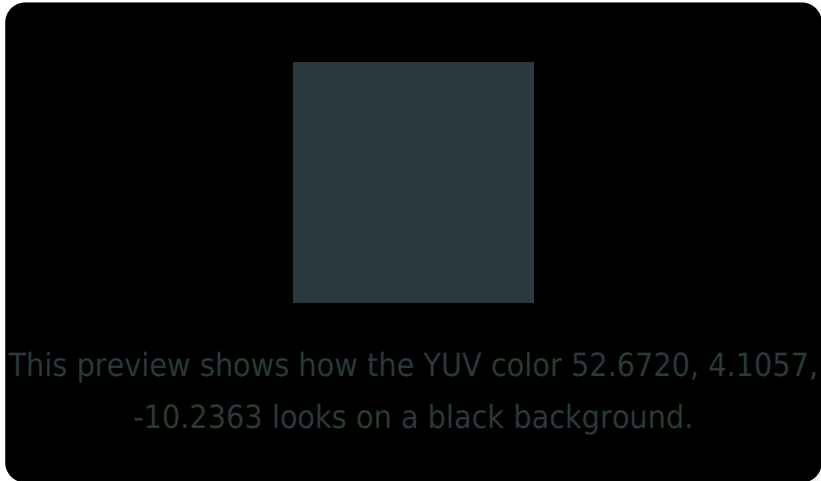
Large Text (above 18pt) WCAG AA ✓ Pass

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

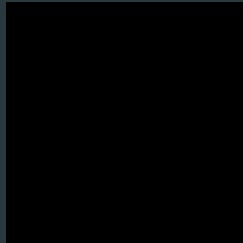
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

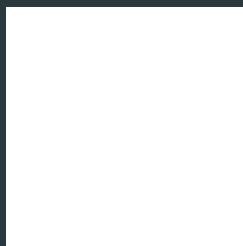
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 52.6720, 4.1057, -10.2363

Background



This preview shows how black text looks on a background with the YUV color 52.6720, 4.1057, -10.2363.



This preview shows how white text looks on a background with the YUV color 52.6720, 4.1057, -10.2363.

-10.2363.

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

52.6720, 4.1057, -10.2363

Protanopia

54.5700, 2.1840, -0.4999

Deuteranopia

54.9230, 3.4890, 0.9445



Tritanopia

52.6720, 4.1057, -10.2363

Trichromacy



Original Color

52.6720, 4.1057, -10.2363

Protanomaly

53.7760, 3.0684, -4.1886

Deuteranomaly

54.0150, 3.9366, -2.6442

Tritanomaly

52.6720, 4.1057, -10.2363

Monochromacy



Original Color

52.6720, 4.1057, -10.2363

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.7330, 1.6106, -3.2738

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.6720, 4.1057, -10.2363 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(41, 57, 61)` looks like.

```
.text, #text, p{  
    color:rgb(41, 57, 61)  
}
```

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(41, 57, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 57, 61) }
```

Border

The CSS property to change the border of an element to YUV 52.6720, 4.1057, -10.2363 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(41, 57, 61) }
```


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

```
.border{ border-color:rgb(41, 57, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 57, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 57, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 57, 61);  
box-shadow:4px 4px 4px 4px rgb(41, 57, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.6720, 4.1057, -10.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 57, 61) }
```

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

```
.background{ background-color: rgb(41, 57,  
61) }
```

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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