

Converting Colors

YUV(52.8120, -11.7393,
-14.7441)

Have a look what the booklet for
YUV(52.8120, -11.7393, -14.7441)
contains.

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Color

**YUV(52.8120, -11.7393,
-14.7441)**

Conversions

Conversions Part 1

Format	Color
Hex	24421D
RGB	36, 66, 29
RGB Percent	14%, 26%, 11%
CMY	0.8588, 0.7412, 0.8863
CMYK	0.45, 0.00, 0.56, 0.74
HSL	109°, 39%, 19%
HSV	109°, 56%, 26%
XYZ	2.8975, 4.3602, 1.8513
YIQ	52.8120, -6.0030, -17.8670

Conversions

Conversions Part 2

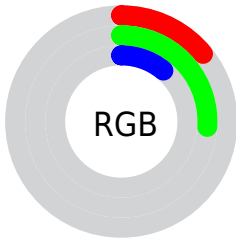
Format	Color
R_{YB}	29, 66, 59
Decimal	2376221
CIE _{Lab}	24.83, -19.79, 18.97
CIE _{LCh}	25, 27.409, 136.217
Yxy	4.3602, 0.3181, 0.4787
Android (android.graphics.Color)	4280566301 (0xFF24421D)
YUV	52.8120, -11.7393, -14.7441
Hunter-Lab	20.8811, -11.7726, 9.3602

Details

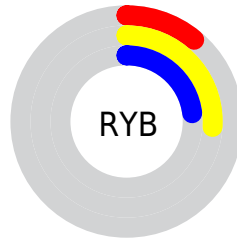
The YUV color **52.8120, -11.7393, -14.7441** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **42.1880, 11.7393, 14.7441**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.1710, -12.9023, -15.0590**, and **14.6750, -7.2348, -12.8700** is the 20% darker color. If you saturate the color by 10%, you get **50.5190, -14.0599, -17.1182**, and if you desaturate by 10%, it is **55.1050, -9.4188, -12.3701**.

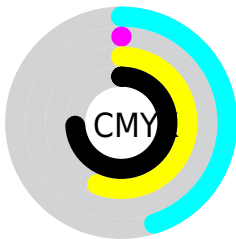
Distribution



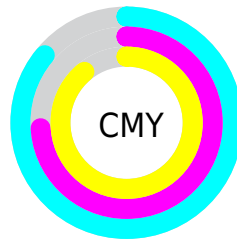
- Red (14%)
- Green (26%)
- Blue (11%)



- Red (11%)
- Yellow (26%)
- Blue (23%)



- Cyan (45%)
- Magenta (0%)
- Yellow (56%)
- Black (74%)



- Cyan (86%)
- Magenta (74%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.8120, -11.7393, -14.7441 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 52.8120, -11.7393, -14.7441 by changing the saturation by 10% instead.

■ 52.8120, -11.7393,
-14.7441

■ 52.8120, -11.7393,
-14.7441

255.0000, 0.0000,
0.0000

■ 30.5840, -12.6129,
-14.5442

■ 100.1710,
-12.9023, -15.0590

■ 14.6750, -7.2348,
-12.8700

■ 125.6440,
-13.6285, -15.4738

■ 0.0000, 0.0000,
0.0000

■ 151.2310,
-13.9179, -15.9886

■ 178.7040,
-14.6441, -16.4034

■ 206.1770,
-15.3703, -16.8182

■ 234.1770,

-15.3703, -16.8182

■ 248.9750, -8.8617,
-4.3631

■ 52.8120, -11.7393,
-14.7441

■ 52.8120, -11.7393,
-14.7441

■ 50.5190, -14.0599,
-17.1182

■ 55.1050, -9.4188,
-12.3701

■ 48.0410, -15.7962,
-20.2070

■ 57.5830, -7.6824,
-9.2813

■ 45.7480, -18.1168,
-22.5810

■ 59.8760, -5.3619,
-6.9073

■ 43.5690, -20.0005,
-25.0550

■ 62.0550, -3.4781,
-4.4332

■ 42.3300, -20.8687,
-26.5994

■ 64.6470, -1.3050,
-1.4444

■ 66.9400, 1.0156,
0.9296

■ 69.1190, 2.8993,
3.4036

■ 71.7110, 5.0725,
6.3925

■ 73.8900, 6.9562,
8.8665

Harmonies

Analogous

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



55.6850, -19.0717, 3.7843



52.8120, -11.7393, -14.7441



45.9750, 0.9983, -40.3201

Triad

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



52.8120, -11.7393, -14.7441



48.8540, 24.7220, -42.8450



58.6560, -4.7604, 33.6277

Complementary

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



52.8120, -11.7393, -14.7441



42.1880, 11.7393, 14.7441

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.



60.0280, 4.4232, 28.0394



52.8120, -11.7393, -14.7441



57.6020, 20.4092, -12.8060

Square

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



52.8120, -11.7393, -14.7441



49.9480, 18.7596, -43.8044



61.2200, 13.2025, 12.0851



58.5170, -14.0589, 29.3646

Rectangle

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



52.8120, -11.7393, -14.7441



47.6850, 7.5503, -41.8197



61.2200, 13.2025, 12.0851



58.7530, -1.8502, 33.5426

Sweetspot

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



52.8120, -11.7393, -14.7441



81.7020, -4.7831, -5.8777



57.6730, -14.1358, 7.3028



39.9950, -2.4625, -3.5036



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



52.8120, -11.7393, -14.7441



66.3350, -18.4062, -23.0958



51.9730, -5.9027, -20.1473



31.7610, -0.8682, -1.5444



62.3210, -30.7243, -38.8695



144.0460, -71.0147, -89.4943

Inverse Universe

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



42.1880, 11.7393, 14.7441



49.6650, 18.4062, 23.0958



43.0270, 5.9027, 20.1473



31.2390, 0.8682, 1.5444



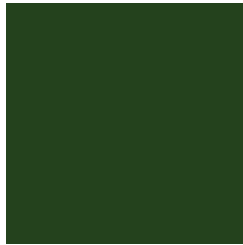
34.6790, 30.7243, 38.8695



79.9540, 71.0147, 89.4943

Previews

White Background



This preview shows how the YUV color 52.8120, -11.7393, -14.7441 looks on a white background.

Color Contrast Check

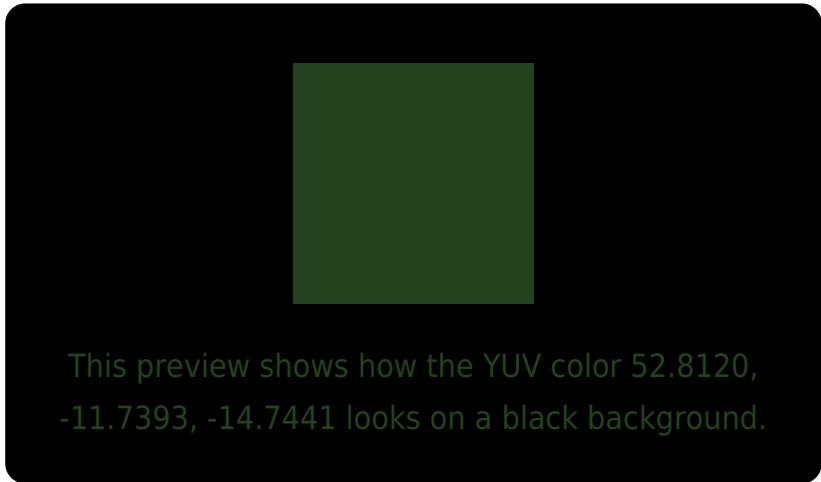
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.8120, -11.7393, -14.7441 Background



This preview shows how black text looks on a background with the YUV color 52.8120, -11.7393, -14.7441.



This preview shows how white text looks on a background with the YUV color 52.8120, -11.7393,

-14.7441.

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

52.8120, -11.7393, -14.7441

Protanopia

57.1460, -14.8620, 6.8880

Deuteranopia

58.0480, -12.8417, 12.2359



Tritanopia

56.8890, 4.9847, -12.1807

Trichromacy



Original Color

52.8120, -11.7393, -14.7441

Protanomaly

55.7320, -13.6719, -1.5190

Deuteranomaly

56.3950, -12.5197, 2.2846

Tritanomaly

54.9830, -0.9776, -13.1401

Monochromacy



Original Color

52.8120, -11.7393, -14.7441

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.1150, -4.4937, -5.3629

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.8120, -11.7393, -14.7441 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(36, 66, 29)` looks like.

```
.text, #text, p{  
    color:rgb(36, 66, 29)  
}
```

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(36, 66, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 66, 29) }
```

Border

The CSS property to change the border of an element to YUV 52.8120, -11.7393, -14.7441 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(36, 66, 29) }
```


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

```
.border{ border-color:rgb(36, 66, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 66, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 66, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 66, 29);  
box-shadow:4px 4px 4px 4px rgb(36, 66, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.8120, -11.7393, -14.7441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 66, 29) }
```

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

```
.background{ background-color: rgb(36, 66,  
29) }
```

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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