

Converting Colors

YUV(52.2360, -11.4553,
-12.4850)

Have a look what the booklet for
YUV(52.2360, -11.4553, -12.4850)
contains.

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Color

**YUV(52.2360, -11.4553,
-12.4850)**

Conversions

Conversions Part 1

Format	Color
Hex	26401D
RGB	38, 64, 29
RGB Percent	15%, 25%, 11%
CMY	0.8510, 0.7490, 0.8863
CMYK	0.41, 0.00, 0.55, 0.75
HSL	105°, 38%, 18%
HSV	105°, 55%, 25%
XYZ	2.8545, 4.1676, 1.8164
YIQ	52.2360, -4.2610, -16.3970

Conversions

Conversions Part 2

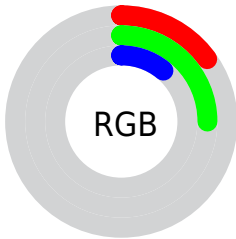
Format	Color
R_{YB}	29, 64, 55
Decimal	2506781
CIE Lab	24.22, -17.94, 18.24
CIE LCh	24, 25.579, 134.520
Yxy	4.1676, 0.3230, 0.4715
Android (android.graphics.Color)	4280696861 (0xFF26401D)
YUV	52.2360, -11.4553, -12.4850
Hunter-Lab	20.4146, -10.7667, 9.0150

Details

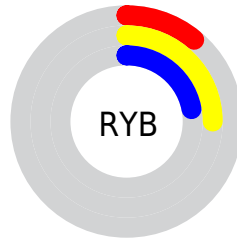
The YUV color **52.2360, -11.4553, -12.4850** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **40.7640, 11.4553, 12.4850**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.5950, -12.6183, -12.7998**, and **13.5010, -6.6560, -11.8404** is the 20% darker color. If you saturate the color by 10%, you get **50.0570, -13.3391, -14.9590**, and if you desaturate by 10%, it is **54.4150, -9.5716, -10.0110**.

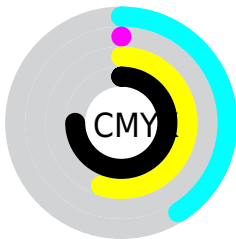
Distribution



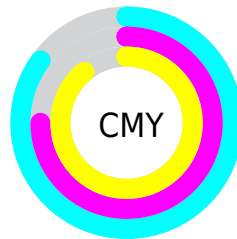
- Red (15%)
- Green (25%)
- Blue (11%)



- Red (11%)
- Yellow (25%)
- Blue (22%)



- Cyan (41%)
- Magenta (0%)
- Yellow (55%)
- Black (75%)



- Cyan (85%)
- Magenta (75%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.2360, -11.4553, -12.4850 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 52.2360, -11.4553, -12.4850 by changing the saturation by 10% instead.

■ 52.2360, -11.4553,
-12.4850

■ 52.2360, -11.4553,
-12.4850

255.0000, 0.0000,
0.0000

■ 30.3070, -12.4764,
-11.6702

■ 99.5950, -12.6183,
-12.7998

■ 13.5010, -6.6560,
-11.8404

■ 124.1820,
-12.9077, -13.3146

■ 0.0000, 0.0000,
0.0000

■ 150.6550,
-13.6339, -13.7294

■ 177.1280,
-14.3601, -14.1443

■ 205.0140,
-14.7969, -14.0443

■ 233.0140,

-14.7969, -14.0443

■ 249.2740, -9.0091,
-3.7483

■ 52.2360, -11.4553,
-12.4850

■ 52.2360, -11.4553,
-12.4850

■ 50.0570, -13.3391,
-14.9590

■ 54.4150, -9.5716,
-10.0110

■ 47.7640, -15.6597,
-17.3330

■ 56.7080, -7.2510,
-7.6369

■ 45.8840, -17.6908,
-19.1923

■ 58.5880, -5.2199,
-5.7777

■ 43.5910, -20.0114,
-21.5663

■ 60.8810, -2.8993,
-3.4036

■ 42.3520, -20.8795,
-23.1107

■ 63.0600, -1.0156,
-0.9296

■ 65.2390, 0.8682,
1.5444

■ 67.2330, 3.3361,
3.3037

■ 69.4120, 5.2199,
5.7777

■ 71.7050, 7.5404,
8.1517

Harmonies

Analogous

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



54.6250, -18.0561, 4.7139



52.2360, -11.4553, -12.4850



44.9860, 0.9929, -38.5757

Triad

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



52.2360, -11.4553, -12.4850



47.1100, 23.1168, -41.3155



57.4600, -4.1708, 31.1686

Complementary

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



52.2360, -11.4553, -12.4850



40.7640, 11.4553, 12.4850

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.



58.7180, 4.5760, 25.6803



52.2360, -11.4553, -12.4850



55.9610, 19.2462, -13.1208

Square

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



52.2360, -11.4553, -12.4850



48.3180, 17.5912, -42.3749



59.6820, 12.4818, 9.9259



57.1470, -12.8905, 27.9351

Rectangle

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



52.2360, -11.4553, -12.4850



46.1690, 6.8187, -40.4902



59.6820, 12.4818, 9.9259



58.1440, -1.5500, 30.5687

Sweetspot

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



52.2360, -11.4553, -12.4850



79.5280, -4.2043, -4.8481



54.7270, -12.6834, 8.1324



40.2940, -2.6099, -2.8888



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.



52.2360, -11.4553, -12.4850



65.4710, -17.9802, -19.7071



50.4570, -6.6343, -18.8178



32.0600, -1.0156, -0.9296



64.4140, -31.7561, -34.5661



148.8300, -73.3732, -79.6579

Inverse Universe

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



40.7640, 11.4553, 12.4850



47.5290, 17.9802, 19.7071



42.5430, 6.6343, 18.8178



30.9400, 1.0156, 0.9296



32.5860, 31.7561, 34.5661



75.4690, 73.2258, 80.2727

Previews

White Background



This preview shows how the YUV color 52.2360, -11.4553, -12.4850 looks on a white background.

Color Contrast Check

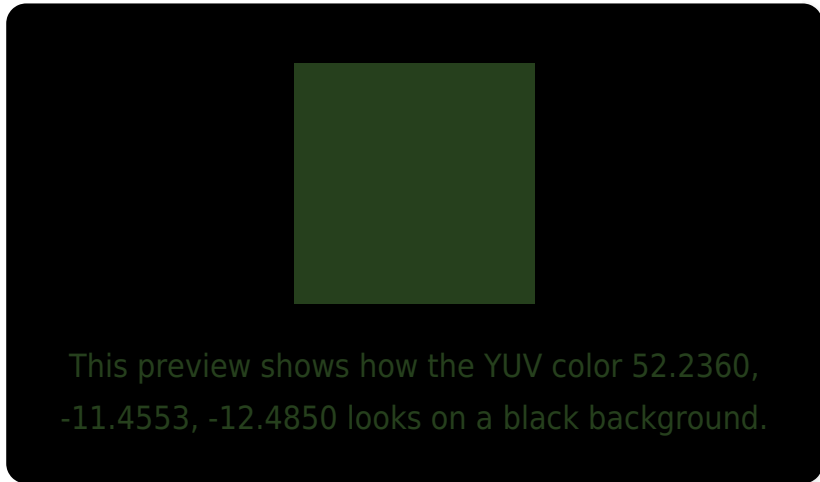
Large Text (above 18pt) WCAG AA ✓ Pass

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

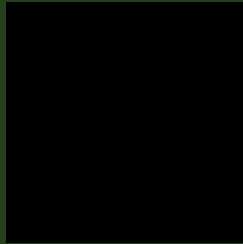
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.2360, -11.4553, -12.4850

Background



This preview shows how black text looks on a background with the YUV color 52.2360, -11.4553, -12.4850.



This preview shows how white text looks on a background with the YUV color 52.2360, -11.4553, -12.4850.

-12.4850.

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

52.2360, -11.4553, -12.4850

Protanopia

56.2600, -14.4252, 6.7880

Deuteranopia

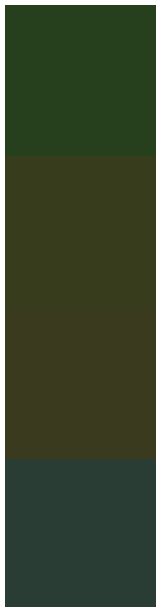
56.7490, -12.6943, 11.6211



Tritanopia

55.7860, 4.5425, -10.3363

Trichromacy



Original Color

52.2360, -11.4553, -12.4850

Protanomaly

54.8570, -13.2405, 0.1254

Deuteranomaly

54.8080, -12.2303, 2.7994

Tritanomaly

54.2930, -1.1304, -10.7810

Monochromacy



Original Color

52.2360, -11.4553, -12.4850

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.9410, -3.9149, -4.3333

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.2360, -11.4553, -12.4850 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(38, 64, 29)` looks like.

```
.text, #text, p{  
    color:rgb(38, 64, 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(38, 64, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 64, 29) }
```

Border

The CSS property to change the border of an element to YUV 52.2360, -11.4553, -12.4850 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(38, 64, 29) }
```


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

```
.border{ border-color:rgb(38, 64, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 64, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 64, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 64, 29);  
box-shadow:4px 4px 4px 4px rgb(38, 64, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.2360, -11.4553, -12.4850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 64, 29) }
```

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

```
.background{ background-color: rgb(38, 64,  
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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