

Converting Colors

YUV(54.6260, -26.4376,
-13.7040)

Have a look what the booklet for
YUV(54.6260, -26.4376, -13.7040)
contains.

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Color

**YUV(54.6260, -26.4376,
-13.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	274901
RGB	39, 73, 1
RGB Percent	15%, 29%, 0%
CMY	0.8471, 0.7137, 0.9961
CMYK	0.47, 0.00, 0.99, 0.71
HSL	88°, 97%, 15%
HSV	88°, 99%, 29%
XYZ	3.2247, 5.1986, 0.8622
YIQ	54.6260, 2.8480, -29.6000

Conversions

Conversions Part 2

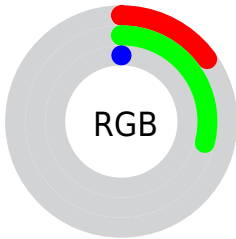
Format	Color
R_{YB}	1, 73, 35
Decimal	2574593
CIE Lab	27.29, -24.74, 34.73
CIE LCh	27, 42.639, 125.472
Yxy	5.1986, 0.3473, 0.5599
Android (android.graphics.Color)	4280764673 (0xFF274901)
YUV	54.6260, -26.4376, -13.7040
Hunter-Lab	22.8005, -14.6552, 13.7183

Details

The YUV color **54.6260, -26.4376, -13.7040** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **19.3740, 26.4376, 13.7040**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.7400, -26.0008, -13.8040**, and **18.1970, -8.9711, -15.9588** is the 20% darker color. If you saturate the color by 10%, you get **54.5120, -26.8744, -13.6040**, and if you desaturate by 10%, it is **56.3210, -23.8223, -12.5595**.

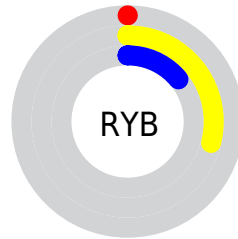
Distribution



Red (15%)

Green (29%)

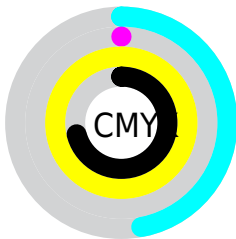
Blue (0%)



Red (0%)

Yellow (29%)

Blue (14%)

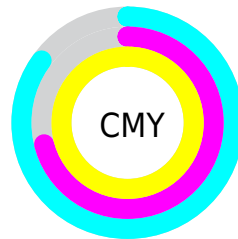


Cyan (47%)

Magenta (0%)

Yellow (99%)

Black (71%)



Cyan (85%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.6260, -26.4376, -13.7040 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 54.6260, -26.4376, -13.7040 by changing the saturation by 10% instead.

■ 54.6260, -26.4376,
-13.7040

■ 54.6260, -26.4376,
-13.7040

■ 252.7200, -8.7360,
1.9996

■ 33.8350, -16.6807,
-16.5183

■ 103.7400,
-26.0008, -13.8040

■ 18.1970, -8.9711,
-15.9588

■ 129.5120,
-26.8744, -13.6040

■ 0.0000, 0.0000,
0.0000

■ 155.8710,
-28.0374, -13.9189


■ 182.7570,
-28.4742, -13.8189


■ 210.5290,
-29.3478, -13.6189


■ 237.0670,


-28.6270, -11.4598


 248.8160,
-21.1083, 3.6694


 54.6260, -26.4376,
-13.7040


 54.6260, -26.4376,
-13.7040


 54.5120, -26.8744,
-13.6040

 56.3210, -23.8223,
-12.5595

 58.4290, -20.9175,
-10.9002

 60.1240, -18.3021,
-9.7557

 62.1180, -15.8342,
-7.9965

 63.8130, -13.2188,
-6.8520

■ 65.9210, -10.3141,
-5.1927

■ 67.6160, -7.6987,
-4.0482

■ 69.6100, -5.2307,
-2.2890

■ 71.4190, -2.1786,
-1.2445

Harmonies

Analogous

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



60.2810, -29.7185, 12.0316



54.6260, -26.4376, -13.7040



49.3030, -6.5584, -43.2387

Triad

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



54.6260, -26.4376, -13.7040



58.1610, 32.4586, -51.0072



58.8680, 0.5581, 54.4898

Complementary

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



54.6260, -26.4376, -13.7040



19.3740, 26.4376, 13.7040

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.



63.9120, 13.8474, 38.6652



54.6260, -26.4376, -13.7040



54.1490, 37.3945, -47.4887

Square

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



54.6260, -26.4376, -13.7040



58.0010, 21.6915, -50.8669



66.0910, 25.5911, 5.1822



59.8940, -15.7237, 50.0820

Rectangle

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



54.6260, -26.4376, -13.7040



52.9850, 2.4724, -46.4678



66.0910, 25.5911, 5.1822



60.1110, 5.3683, 51.6457

Sweetspot

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



54.6260, -26.4376, -13.7040



86.9210, -10.3141, -5.1927



42.4860, -20.4526, 26.7608



43.6700, -6.2463, -3.2186



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



54.6260, -26.4376, -13.7040



70.1280, -34.5731, -17.6523



43.8620, -21.1310, -35.8360



34.9460, -1.4524, -0.8296



73.6610, -36.3149, -18.9967



169.1290, -83.3806, -43.0861

Inverse Universe

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



19.3740, 26.4376, 13.7040



24.1710, 34.4257, 18.2670



30.1380, 21.1310, 35.8360



33.0540, 1.4524, 0.8296



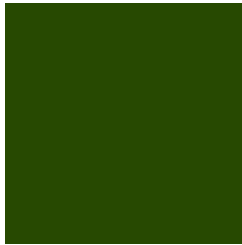
25.3390, 36.3149, 18.9967



57.8710, 83.3806, 43.0861

Previews

White Background



This preview shows how the YUV color 54.6260, -26.4376, -13.7040 looks on a white background.

Color Contrast Check

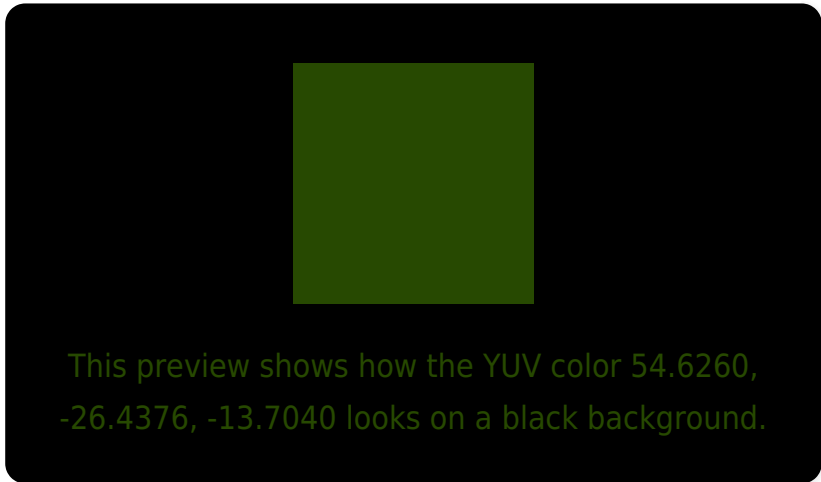
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.6260, -26.4376, -13.7040 Background



This preview shows how black text looks on a background with the YUV color 54.6260, -26.4376, -13.7040.



This preview shows how white text looks on a background with the YUV color 54.6260, -26.4376,

-13.7040.

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

54.6260, -26.4376, -13.7040

Protanopia

59.9820, -29.5711, 11.4168

Deuteranopia

61.7360, -23.0408, 16.8945



Tritanopia

62.5900, 5.1321, -12.7954

Trichromacy



Original Color

54.6260, -26.4376, -13.7040

Protanomaly

58.1550, -28.6704, 2.4951

Deuteranomaly

59.0290, -24.1713, 6.1136

Tritanomaly

59.9030, -6.3612, -13.0699

Monochromacy



Original Color

54.6260, -26.4376, -13.7040

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0350, -9.8773, -5.2927

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.6260, -26.4376, -13.7040 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(39, 73, 1)` looks like.

```
.text, #text, p{  
    color:rgb(39, 73, 1)  
}
```

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(39, 73, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 73, 1) }
```

Border

The CSS property to change the border of an element to YUV 54.6260, -26.4376, -13.7040 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(39, 73, 1) }
```


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

```
.border{ border-color:rgb(39, 73, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 73, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 73, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(39, 73, 1); box-shadow:4px  
4px 4px 4px rgb(39, 73, 1) }
```

Background

The CSS property to change the background color of an element to YUV 54.6260, -26.4376, -13.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 73, 1) }
```

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

```
.background{ background-color: rgb(39, 73,  
1) }
```

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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