

Converting Colors

YUV(54.5180, 24.3946,
-31.1493)

Have a look what the booklet for
YUV(54.5180, 24.3946, -31.1493)
contains.

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Color

**YUV(54.5180, 24.3946,
-31.1493)**

Conversions

Conversions Part 1

Format	Color
Hex	133F68
RGB	19, 63, 104
RGB Percent	7%, 25%, 41%
CMY	0.9255, 0.7529, 0.5922
CMYK	0.82, 0.39, 0.00, 0.59
HSL	209°, 69%, 24%
HSV	209°, 82%, 41%
XYZ	4.5448, 4.6929, 13.7630
YIQ	54.5180, -39.3850, 3.4230

Conversions

Conversions Part 2

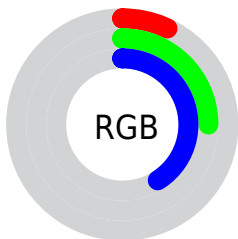
Format	Color
R_{YB}	19, 48, 104
Decimal	1261416
CIE Lab	25.84, 1.13, -28.23
CIE LCh	26, 28.255, 272.289
Yxy	4.6929, 0.1976, 0.2040
Android (android.graphics.Color)	4279451496 (0xFF133F68)
YUV	54.5180, 24.3946, -31.1493
Hunter-Lab	21.6632, -0.4628, -22.5037

Details

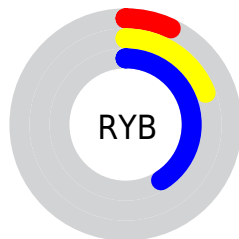
The YUV color **54.5180, 24.3946, -31.1493** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **68.4820, -24.3946, 31.1493**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.2630, 24.5203, -24.7867**, and **18.7110, 18.3835, -16.4095** is the 20% darker color. If you saturate the color by 10%, you get **48.5930, 27.3157, -34.7231**, and if you desaturate by 10%, it is **60.4430, 21.4736, -27.5755**.

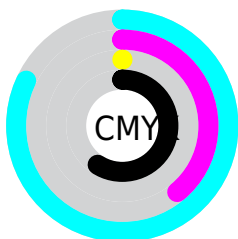
Distribution



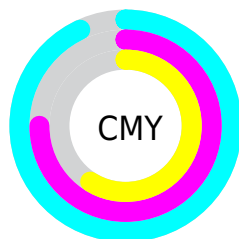
- Red (7%)
- Green (25%)
- Blue (41%)



- Red (7%)
- Yellow (19%)
- Blue (41%)



- Cyan (82%)
- Magenta (39%)
- Yellow (0%)
- Black (59%)



- Cyan (93%)
- Magenta (75%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.5180, 24.3946, -31.1493 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 54.5180, 24.3946, -31.1493 by changing the saturation by 10% instead.

■ 54.5180, 24.3946,
-31.1493

■ 54.5180, 24.3946,
-31.1493

■ 255.0000, 0.0000,
0.0000

■ 33.1870, 23.0788,
-29.1050

■ 105.2630, 24.5203,
-24.7867

■ 18.7110, 18.3835,
-16.4095

■ 131.3770, 24.9571,
-24.8866

■ 5.1640, 14.7091,
-4.5288

■ 157.9040, 25.6833,
-24.4718

■ 1.0260, 3.9312,
-0.8998

■ 185.1320, 26.5569,
-24.6718

■ 0.0000, 0.0000,
0.0000

■ 211.1770, 21.6047,
-22.9572

■ 236.8710, 8.9376,

-20.0579

251.4120, 1.7689,
-7.3773

54.5180, 24.3946,
-31.1493

54.5180, 24.3946,
-31.1493

48.5930, 27.3157,
-34.7231

60.4430, 21.4736,
-27.5755

43.5540, 29.7999,
-38.1969

66.6670, 18.4052,
-23.3870

72.5920, 15.4841,
-19.8132

78.8160, 12.4157,
-15.6246

84.7410, 9.4947,
-12.0509

■ 90.6660, 6.5737,
-8.4771

■ 96.8900, 3.5052,
-4.2885

■ 102.8150, 0.5842,
-0.7148

■ 109.0390, -2.4842,
3.4738

Harmonies

Analogous

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



51.7890, 23.2750, -45.4190



54.5180, 24.3946, -31.1493



62.5930, 17.4557, 1.2339

Triad

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



54.5180, 24.3946, -31.1493



60.4620, -10.5808, 33.7978



51.3310, -5.5862, -28.3543

Complementary

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



54.5180, 24.3946, -31.1493



68.4820, -24.3946, 31.1493

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.



56.9010, -16.7132, -6.0522



54.5180, 24.3946, -31.1493



60.3440, -18.4106, 25.1313

Square

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



54.5180, 24.3946, -31.1493



61.3940, -0.6872, 33.8575



59.1590, -21.2774, 11.2616



49.3320, 6.2453, -43.2642

Rectangle

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



54.5180, 24.3946, -31.1493



63.3130, 12.1707, 16.3885



59.1590, -21.2774, 11.2616



53.6480, -9.6865, -19.8623

Sweetspot

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



54.5180, 24.3946, -31.1493



115.4420, 9.6421, -12.6656



73.4550, -7.1263, -47.7570



56.8510, 5.9895, -7.7623



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



54.5180, 24.3946, -31.1493



57.9640, 37.9787, -48.2034



30.4510, 36.2597, -10.0425



48.3310, 1.3158, -2.0443



47.7430, 33.1577, -41.8706



100.9630, 69.5312, -88.5446

Inverse Universe

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



49.4310, 6.6895, 47.8570



50.2200, 10.2445, 74.3521



92.5490, -36.2597, 10.0425



47.8370, 0.5734, 2.7740



41.1110, 8.8193, 64.8007



86.6080, 18.9273, 136.2788

Previews

White Background



This preview shows how the YUV color 54.5180, 24.3946, -31.1493 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



This preview shows how the YUV color 54.5180, 24.3946, -31.1493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

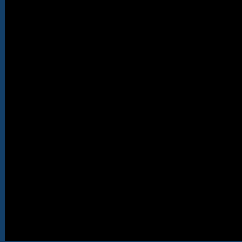
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.5180, 24.3946, -31.1493

Background



This preview shows how black text looks on a background with the YUV color 54.5180, 24.3946, -31.1493.



This preview shows how white text looks on a background with the YUV color 54.5180, 24.3946,

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

54.5180, 24.3946, -31.1493

Protanopia

60.1890, 20.1198, -13.3208

Deuteranopia

57.2200, 23.0625, -23.8719



Tritanopia

48.2380, 12.2077, -42.3047

Trichromacy



Original Color

54.5180, 24.3946, -31.1493

Protanomaly

58.1990, 21.5939, -19.4685

Deuteranomaly

56.0240, 23.6522, -26.3310

Tritanomaly

50.4110, 16.5594, -38.0714

Monochromacy



Original Color

54.5180, 24.3946, -31.1493

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9260, 8.9105, -11.3361

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.5180, 24.3946, -31.1493 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(19, 63, 104)` looks like.

```
.text, #text, p{  
    color:rgb(19, 63, 104)  
}
```

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(19, 63, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 63, 104) }
```

Border

The CSS property to change the border of an element to YUV 54.5180, 24.3946, -31.1493 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(19, 63, 104) }
```


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

```
.border{ border-color:rgb(19, 63, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 63, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 63, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 63, 104);  
box-shadow:4px 4px 4px 4px rgb(19, 63,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 54.5180, 24.3946, -31.1493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 63, 104) }
```

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

```
.background{ background-color: rgb(19, 63,  
104) }
```

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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