

Converting Colors

YUV(54.0200, 19.7101,
-21.9425)

Have a look what the booklet for
YUV(54.0200, 19.7101, -21.9425)
contains.

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Color

**YUV(54.0200, 19.7101,
-21.9425)**

Conversions

Conversions Part 1

Format	Color
Hex	1D3B5E
RGB	29, 59, 94
RGB Percent	11%, 23%, 37%
CMY	0.8863, 0.7686, 0.6314
CMYK	0.69, 0.37, 0.00, 0.63
HSL	212°, 53%, 24%
HSV	212°, 69%, 37%
XYZ	4.0910, 4.1973, 11.1842
YIQ	54.0200, -29.1150, 4.5250

Conversions

Conversions Part 2

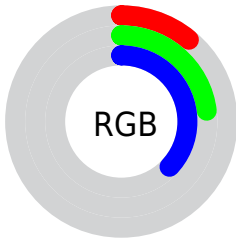
Format	Color
RYB	29, 50, 94
Decimal	1915742
CIELab	24.31, 1.46, -24.16
CIElCh	24, 24.204, 273.466
Yxy	4.1973, 0.2101, 0.2155
Android (android.graphics.Color)	4280105822 (0xFF1D3B5E)
YUV	54.0200, 19.7101, -21.9425
Hunter-Lab	20.4873, -0.2087, -18.0259




Details

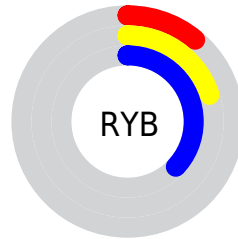
The YUV color **54.0200, 19.7101, -21.9425** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **68.9800, -19.7101, 21.9425**, and the grayscale version is **54.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **102.9710, 20.7203, -19.2686**, and **14.8640, 16.3360, -13.0357** is the 20% darker color. If you saturate the color by 10%, you get **48.3940, 22.4838, -24.9015**, and if you desaturate by 10%, it is **59.6460, 16.9365, -18.9835**.

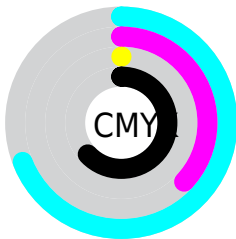
Distribution







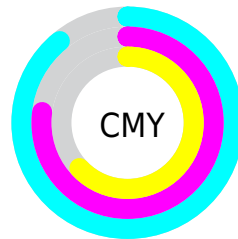
-  Red (11%)
-  Green (23%)
-  Blue (37%)






-  Red (11%)
-  Yellow (20%)
-  Blue (37%)



-  Cyan (69%)
-  Magenta (37%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (89%)
-  Magenta (77%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.0200, 19.7101, -21.9425 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 54.0200, 19.7101, -21.9425 by changing the saturation by 10% instead.

■ 54.0200, 19.7101,
-21.9425

■ 54.0200, 19.7101,
-21.9425

■ 255.0000, 0.0000,
0.0000

■ 30.2860, 19.5790,
-26.5608

■ 102.9710, 20.7203,
-19.2686

■ 14.8640, 16.3360,
-13.0357

■ 128.0850, 21.1571,
-19.3685

■ 3.5510, 11.0674,
-3.1142

■ 154.6120, 21.8833,
-18.9537

■ 0.0000, 0.0000,
0.0000

■ 181.7260, 22.3201,
-19.0537

■ 208.8400, 22.7569,
-19.1537

■ 234.2350, 10.2371,

-16.8691

251.7110, 1.6215,
-6.7625

54.0200, 19.7101,
-21.9425

54.0200, 19.7101,
-21.9425

48.3940, 22.4838,
-24.9015

59.6460, 16.9365,
-18.9835

42.4690, 25.4048,
-28.4753

65.5710, 14.0155,
-15.4098

36.8430, 28.1784,
-31.4343

71.1970, 11.2419,
-12.4508

35.9570, 28.6152,
-31.5343

77.1220, 8.3209,
-8.8770

82.7480, 5.5472,
-5.9180

■ 88.3740, 2.7736,
-2.9590

■ 94.2990, -0.1474,
0.6148

■ 99.9250, -2.9210,
3.5738

■ 106.4370, -6.1314,
6.6328

Harmonies

Analogous

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



47.8280, 20.7908, -41.9452



54.0200, 19.7101, -21.9425



59.0940, 14.2507, 2.5486

Triad

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



54.0200, 19.7101, -21.9425



57.7710, -9.2541, 28.2648



50.2930, -4.5814, -23.9360

Complementary

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



54.0200, 19.7101, -21.9425



68.9800, -19.7101, 21.9425

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.



54.2970, -13.9504, -5.5225



54.0200, 19.7101, -21.9425



57.0060, -15.7790, 21.0427

Square

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



54.0200, 19.7101, -21.9425



58.2470, -1.1078, 28.7244



55.4730, -17.4882, 9.2322



46.0550, 6.3819, -40.3902

Rectangle

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



54.0200, 19.7101, -21.9425



59.4330, 10.1395, 14.5293



55.4730, -17.4882, 9.2322



51.7130, -8.2395, -17.2883

Sweetspot

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



54.0200, 19.7101, -21.9425



106.8940, 7.4473, -8.6770



71.1450, -3.5225, -36.9612



51.8190, 4.5262, -5.1033



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



54.0200, 19.7101, -21.9425



60.1030, 30.5152, -34.2933



37.0080, 28.0971, -5.2690



42.7440, 1.6052, -1.5295



42.4770, 33.2888, -37.2523



91.0010, 71.9775, -79.8079

Inverse Universe

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



51.8550, 3.5225, 36.9612



56.5570, 5.6414, 57.3935



85.9920, -28.0971, 5.2690



42.7230, 0.1366, 2.8739



38.7040, 6.0619, 62.5266



83.2890, 12.6755, 134.8045

Previews

White Background



This preview shows how the YUV color 54.0200, 19.7101, -21.9425 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 54.0200, 19.7101, -21.9425 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 54.0200, 19.7101, -21.9425

Background



This preview shows how black text looks on a background with the YUV color 54.0200, 19.7101, -21.9425.



This preview shows how white text looks on a background with the YUV color 54.0200, 19.7101,

-21.9425.

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

54.0200, 19.7101, -21.9425

Protanopia

57.1030, 17.2042, -11.4913

Deuteranopia

55.2270, 19.1151, -17.7391



Tritanopia

47.8260, 10.4388, -34.9274

Trichromacy



Original Color

54.0200, 19.7101, -21.9425

Protanomaly

56.3090, 18.0887, -15.1800

Deuteranomaly

54.6290, 19.4099, -18.9686

Tritanomaly

50.0700, 13.7695, -29.8794

Monochromacy



Original Color

54.0200, 19.7101, -21.9425

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.1930, 7.2999, -8.0623

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.0200, 19.7101, -21.9425 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(29, 59, 94)` looks like.

```
.text, #text, p{  
    color:rgb(29, 59, 94)  
}
```

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(29, 59, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 59, 94) }
```

Border

The CSS property to change the border of an element to YUV 54.0200, 19.7101, -21.9425 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(29, 59, 94) }
```


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

```
.border{ border-color:rgb(29, 59, 94) }
```

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

Here you see how a box with a 4 pixel rgb(29, 59, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 59, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 59, 94);  
box-shadow:4px 4px 4px 4px rgb(29, 59, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.0200, 19.7101, -21.9425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 59, 94) }
```

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

```
.background{ background-color: rgb(29, 59,  
94) }
```

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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