

Converting Colors

YUV(54.0950, 5.8692, -15.8693)

Have a look what the booklet for
YUV(54.0950, 5.8692, -15.8693)
contains.

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Color

**YUV(54.0950, 5.8692,
-15.8693)**

Conversions

Conversions Part 1

Format	Color
Hex	243D42
RGB	36, 61, 66
RGB Percent	14%, 24%, 26%
CMY	0.8588, 0.7608, 0.7412
CMYK	0.45, 0.08, 0.00, 0.74
HSL	190°, 29%, 20%
HSV	190°, 45%, 26%
XYZ	3.3797, 4.1059, 5.7686
YIQ	54.0950, -16.5050, -3.7450

Conversions

Conversions Part 2

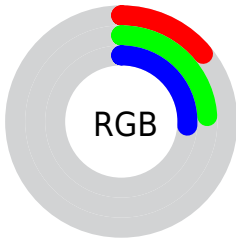
Format	Color
R_{YB}	36, 50, 66
Decimal	2374978
CIE Lab	24.02, -8.08, -6.12
CIE LCh	24, 10.132, 217.151
Yxy	4.1059, 0.2550, 0.3098
Android (android.graphics.Color)	4280565058 (0xFF243D42)
YUV	54.0950, 5.8692, -15.8693
Hunter-Lab	20.2630, -5.6883, -2.6951

Details

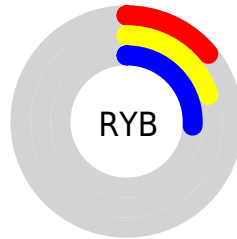
The YUV color **54.0950, 5.8692, -15.8693** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47.9050, -5.8692, 15.8693**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.2090, 6.3060, -15.9693**, and **13.8890, 4.9847, -12.1807** is the 20% darker color. If you saturate the color by 10%, you get **51.4150, 7.1904, -19.6580**, and if you desaturate by 10%, it is **56.7750, 4.5479, -12.0807**.

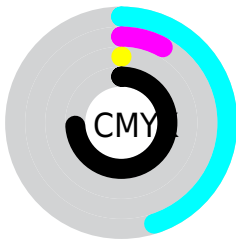
Distribution



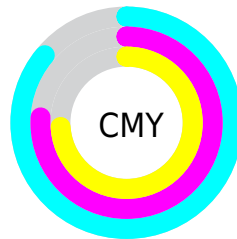
- Red (14%)
- Green (24%)
- Blue (26%)



- Red (14%)
- Yellow (20%)
- Blue (26%)



- Cyan (45%)
- Magenta (8%)
- Yellow (0%)
- Black (74%)



- Cyan (86%)
- Magenta (76%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.0950, 5.8692, -15.8693 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 54.0950, 5.8692, -15.8693 by changing the saturation by 10% instead.

■ 54.0950, 5.8692,
-15.8693

■ 54.0950, 5.8692,
-15.8693

■ 255.0000, 0.0000,
0.0000

■ 31.7960, 6.0166,
-16.4841

■ 101.2090, 6.3060,
-15.9693

■ 13.8890, 4.9847,
-12.1807

■ 126.4970, 6.1640,
-17.0989

■ 0.0000, 0.0000,
0.0000

■ 152.6110, 6.6008,
-17.1988

■ 179.3120, 6.7482,
-17.8136

■ 207.0130, 6.8956,
-18.4284

■ 235.0130, 6.8956,

-18.4284

251.4120, 1.7689,
-7.3773

54.0950, 5.8692,
-15.8693

54.0950, 5.8692,
-15.8693

51.4150, 7.1904,
-19.6580

56.7750, 4.5479,
-12.0807

49.0340, 8.3642,
-22.8318

59.1560, 3.3741,
-8.9068

46.3540, 9.6855,
-26.6205

61.8360, 2.0529,
-5.1182

43.9730, 10.8593,
-29.7943

64.2170, 0.8790,
-1.9443

40.7060, 12.4699,
-33.0682

67.4840, -0.7316,
1.3295

■ 39.8090, 12.9122,
-34.9125

■ 70.1640, -2.0529,
5.1182

■ 72.5450, -3.2267,
8.2920

■ 75.2250, -4.5479,
12.0807

■ 77.6060, -5.7218,
15.2545

Harmonies

Analogous

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



53.8950, 2.5168, -13.9399



54.0950, 5.8692, -15.8693



54.9860, 7.8949, -12.2657

Triad

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



54.0950, 5.8692, -15.8693



58.3370, 2.2989, 9.3515



56.4860, -7.1416, 3.9588

Complementary

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



54.0950, 5.8692, -15.8693



47.9050, -5.8692, 15.8693

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.



57.5190, -7.1579, 9.1918



54.0950, 5.8692, -15.8693



58.4360, -1.2009, 11.8956

Square

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



54.0950, 5.8692, -15.8693



58.3900, 5.2307, 2.2890



58.1110, -4.9847, 12.1807



55.6100, -5.2307, -2.2890

Rectangle

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



54.0950, 5.8692, -15.8693



56.3070, 7.7366, -8.1622



58.1110, -4.9847, 12.1807



56.7960, -7.2944, 6.3179

Sweetspot

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



54.0950, 5.8692, -15.8693



82.2380, 2.3477, -6.3477



54.1800, -6.4977, -15.9439



40.3200, 1.3212, -3.7886



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.



54.0950, 5.8692, -15.8693



67.9520, 9.3907, -25.3909



45.2900, 10.2100, -8.1473



32.1030, 0.4422, -1.8443



58.6050, 18.9287, -51.3966



135.3050, 43.7266, -118.6625

Inverse Universe

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



47.8200, 6.4977, 15.9439



57.9120, 10.3964, 25.5102



56.7100, -10.2100, 8.1473



31.2390, 0.8682, 1.5444



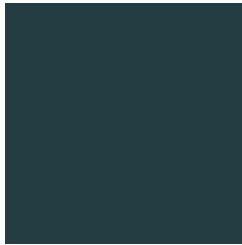
38.2370, 21.0822, 51.5352



88.2940, 48.6621, 119.0142

Previews

White Background



This preview shows how the YUV color 54.0950, 5.8692, -15.8693 looks on a white background.

Color Contrast Check

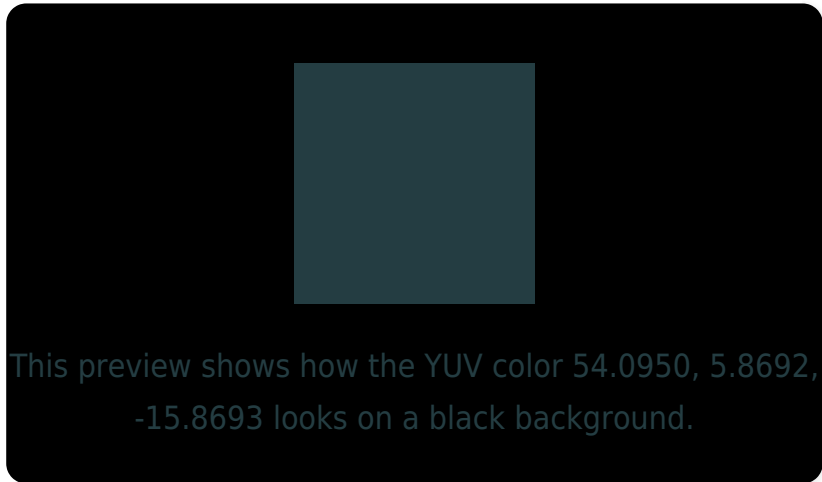
Large Text (above 18pt) WCAG AA ✓ Pass

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

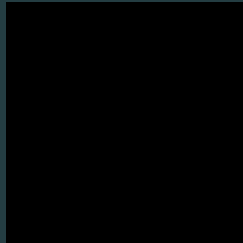
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.0950, 5.8692, -15.8693

Background



This preview shows how black text looks on a background with the YUV color 54.0950, 5.8692, -15.8693.



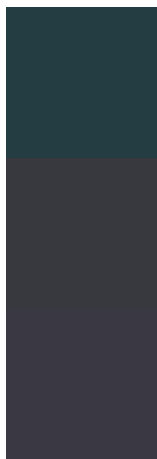
This preview shows how white text looks on a background with the YUV color 54.0950, 5.8692, -15.8693.

-15.8693.

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

54.0950, 5.8692, -15.8693

Protanopia

57.3850, 2.7682, -1.2146

Deuteranopia

57.8520, 4.5100, 0.1298



Tritanopia

54.0950, 5.8692, -15.8693

Trichromacy



Original Color

54.0950, 5.8692, -15.8693

Protanomaly

55.9930, 3.9475, -6.1329

Deuteranomaly

56.6340, 5.1104, -5.8180

Tritanomaly

54.0950, 5.8692, -15.8693

Monochromacy



Original Color

54.0950, 5.8692, -15.8693

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.1240, 1.9109, -6.2477

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.0950, 5.8692, -15.8693 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, 61, 66)` looks like.

```
.text, #text, p{  
    color:rgb(36, 61, 66)  
}
```

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, 61, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 61, 66) }
```

Border

The CSS property to change the border of an element to YUV 54.0950, 5.8692, -15.8693 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, 61, 66) }
```


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

```
.border{ border-color:rgb(36, 61, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 61, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 61, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 61, 66);  
box-shadow:4px 4px 4px 4px rgb(36, 61, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.0950, 5.8692, -15.8693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 61, 66) }
```

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

```
.background{ background-color: rgb(36, 61,  
66) }
```

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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