

Converting Colors

YUV(54.2820, -1.1250, -12.5253)

Have a look what the booklet for
YUV(54.2820, -1.1250, -12.5253)
contains.

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Color

**YUV(54.2820, -1.1250,
-12.5253)**

Conversions

Conversions Part 1

Format	Color
Hex	283E34
RGB	40, 62, 52
RGB Percent	16%, 24%, 20%
CMY	0.8431, 0.7569, 0.7961
CMYK	0.35, 0.00, 0.16, 0.76
HSL	153°, 22%, 20%
HSV	153°, 35%, 24%
XYZ	3.2175, 4.1443, 3.8792
YIQ	54.2820, -9.9020, -7.7740

Conversions

Conversions Part 2

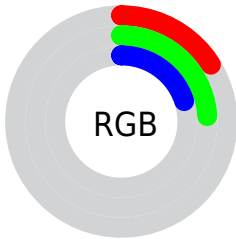
Format	Color
RYB	40, 54, 62
Decimal	2637364
CIELab	24.14, -11.28, 3.40
CIELCh	24, 11.786, 163.222
Yxy	4.1443, 0.2862, 0.3687
Android (android.graphics.Color)	4280827444 (0xFF283E34)
YUV	54.2820, -1.1250, -12.5253
Hunter-Lab	20.3576, -7.4136, 2.9525

Details

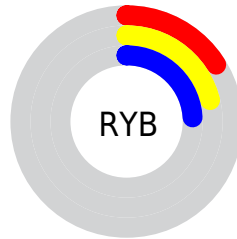
The YUV color **54.2820, -1.1250, -12.5253** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47.7180, 1.1250, 12.5253**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.4560, -1.7038, -13.5549**, and **12.4240, -3.1670, -10.8958** is the 20% darker color. If you saturate the color by 10%, you get **52.1460, -1.5510, -15.9140**, and if you desaturate by 10%, it is **56.4180, -0.6991, -9.1366**.

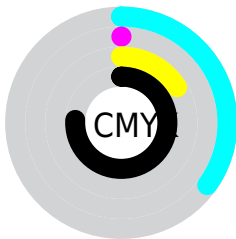
Distribution



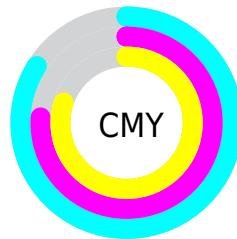
- Red (16%)
- Green (24%)
- Blue (20%)



- Red (16%)
- Yellow (21%)
- Blue (24%)



- Cyan (35%)
- Magenta (0%)
- Yellow (16%)
- Black (76%)



- Cyan (84%)
- Magenta (76%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.2820, -1.1250, -12.5253 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 54.2820, -1.1250, -12.5253 by changing the saturation by 10% instead.

■ 54.2820, -1.1250,
-12.5253

■ 54.2820, -1.1250,
-12.5253

255.0000, 0.0000,
0.0000

■ 32.6950, -0.8356,
-12.0105

■ 101.4560, -1.7038,
-13.5549

■ 12.4240, -3.1670,
-10.8958

■ 126.4560, -1.7038,
-13.5549

■ 0.0000, 0.0000,
0.0000

■ 152.1570, -1.5564,
-14.1697

■ 178.8580, -1.4090,
-14.7845

■ 206.7440, -1.8458,
-14.6845

■ 235.0320, -1.9878,

-15.8141

252.3090, 1.3267,
-5.5330

54.2820, -1.1250,
-12.5253

54.2820, -1.1250,
-12.5253

52.1460, -1.5510,
-15.9140

56.4180, -0.6991,
-9.1366

50.0100, -1.9769,
-19.3028

58.5540, -0.2731,
-5.7479

47.6890, -1.8187,
-23.4063

60.8750, -0.4314,
-1.6444

45.5530, -2.2446,
-26.7950

63.0110, -0.0054,
1.7444

43.4170, -2.6706,
-30.1837

65.1470, 0.4205,
5.1331

■ 41.2810, -3.0965,
-33.5724

■ 67.2830, 0.8465,
8.5218

■ 40.2700, -3.0911,
-35.3168

■ 69.4190, 1.2724,
11.9105

■ 71.8540, 1.5510,
15.9140

■ 73.8760, 1.5401,
19.4027

Harmonies

Analogous

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



55.7730, -5.8041, -5.0629



54.2820, -1.1250, -12.5253



53.2150, 3.8380, -17.7286

Triad

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



54.2820, -1.1250, -12.5253



57.4430, 8.1626, -4.7735



57.8940, -5.8637, 14.1250

Complementary

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



54.2820, -1.1250, -12.5253



47.7180, 1.1250, 12.5253

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.



58.5180, -2.2274, 14.4547



54.2820, -1.1250, -12.5253



58.8140, 5.5147, 4.5481

Square

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



54.2820, -1.1250, -12.5253



55.6160, 9.0633, -13.6952



59.2340, 1.8566, 11.1958



57.2910, -8.0315, 9.3918

Rectangle

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



54.2820, -1.1250, -12.5253



53.3010, 6.7536, -19.5580



59.2340, 1.8566, 11.1958



58.4210, -5.1376, 14.5398

Sweetspot

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



54.2820, -1.1250, -12.5253



78.8530, -0.4205, -5.1331



55.9040, -7.8407, -5.1778



38.8640, -0.4260, -3.3887



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



54.2820, -1.1250, -12.5253



69.7110, -1.8295, -19.9175



54.8350, 3.5323, -13.0103



29.8750, -0.4314, -1.6444



60.9920, -4.9261, -53.4900



144.1080, -11.3922, -126.3827

Inverse Universe

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



47.7180, 1.1250, 12.5253



59.1750, 1.3927, 20.0175



47.1650, -3.5323, 13.0103



29.0110, -0.0054, 1.7444



33.0080, 4.9261, 53.4900



77.8920, 11.3922, 126.3827

Previews

White Background



This preview shows how the YUV color 54.2820, -1.1250, -12.5253 looks on a white background.

Color Contrast Check

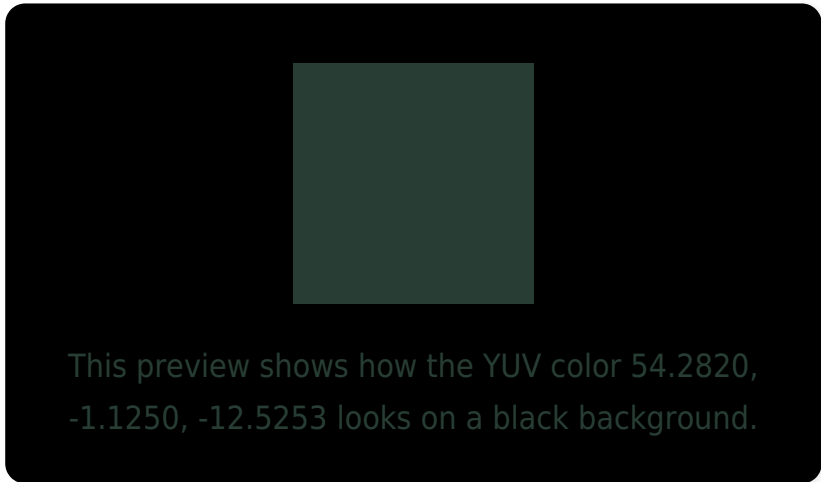
Large Text (above 18pt) WCAG AA ✓ Pass

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

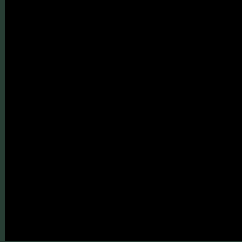
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.2820, -1.1250, -12.5253

Background



This preview shows how black text looks on a background with the YUV color 54.2820, -1.1250, -12.5253.



This preview shows how white text looks on a background with the YUV color 54.2820, -1.1250, -12.5253.

-12.5253.

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

54.2820, -1.1250, -12.5253

Protanopia

56.9850, -3.9366, 2.6442

Deuteranopia

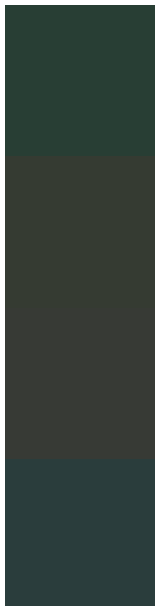
57.4630, -2.2003, 5.7329



Tritanopia

55.4870, 4.6899, -10.9511

Trichromacy



Original Color

54.2820, -1.1250, -12.5253

Protanomaly

56.1800, -3.0467, -2.7889

Deuteranomaly

56.5330, -1.7418, -1.3444

Tritanomaly

55.2050, 2.3639, -11.5808

Monochromacy



Original Color

54.2820, -1.1250, -12.5253

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.1520, -0.5679, -4.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.2820, -1.1250, -12.5253 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(40, 62, 52)` looks like.

```
.text, #text, p{  
    color:rgb(40, 62, 52)  
}
```

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(40, 62, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 62, 52) }
```

Border

The CSS property to change the border of an element to YUV 54.2820, -1.1250, -12.5253 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(40, 62, 52) }
```


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

```
.border{ border-color:rgb(40, 62, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 62, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 62, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 62, 52);  
box-shadow:4px 4px 4px 4px rgb(40, 62, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.2820, -1.1250, -12.5253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 62, 52) }
```

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

```
.background{ background-color: rgb(40, 62,  
52) }
```

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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