

Converting Colors

YUV(56.4460, 13.5841,
-17.0541)

Have a look what the booklet for
YUV(56.4460, 13.5841, -17.0541)
contains.

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Color

**YUV(56.4460, 13.5841,
-17.0541)**

Conversions

Conversions Part 1

Format	Color
Hex	253D54
RGB	37, 61, 84
RGB Percent	15%, 24%, 33%
CMY	0.8549, 0.7608, 0.6706
CMYK	0.56, 0.27, 0.00, 0.67
HSL	209°, 39%, 24%
HSV	209°, 56%, 33%
XYZ	4.0319, 4.3709, 9.0187
YIQ	56.4460, -21.6870, 2.0650

Conversions

Conversions Part 2

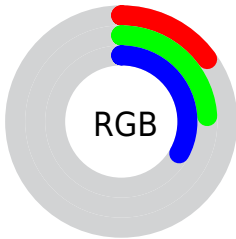
Format	Color
R_{YB}	37, 53, 84
Decimal	2440532
CIE _{Lab}	24.86, -1.75, -16.73
CIE _{LCh}	25, 16.822, 264.035
Yxy	4.3709, 0.2314, 0.2509
Android (android.graphics.Color)	4280630612 (0xFF253D54)
YUV	56.4460, 13.5841, -17.0541
Hunter-Lab	20.9067, -2.1624, -10.9417




Details

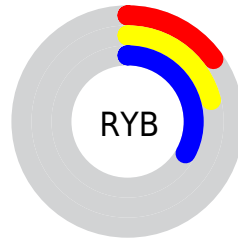
The YUV color **56.4460, 13.5841, -17.0541** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **64.5540, -13.5841, 17.0541**, and the grayscale version is **56.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **104.0870, 14.7471, -16.7393**, and **15.5990, 11.5367, -13.6803** is the 20% darker color. If you saturate the color by 10%, you get **51.7060, 15.9209, -19.9132**, and if you desaturate by 10%, it is **61.1860, 11.2473, -14.1951**.

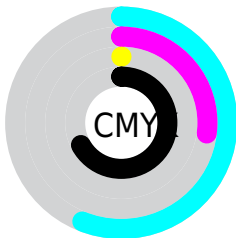
Distribution







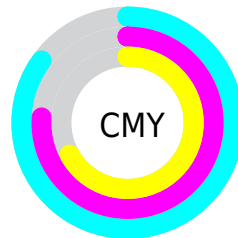
-  Red (15%)
-  Green (24%)
-  Blue (33%)






-  Red (15%)
-  Yellow (21%)
-  Blue (33%)



-  Cyan (56%)
-  Magenta (27%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (85%)
-  Magenta (76%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.4460, 13.5841, -17.0541 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 56.4460, 13.5841, -17.0541 by changing the saturation by 10% instead.

■ 56.4460, 13.5841,
-17.0541

■ 56.4460, 13.5841,
-17.0541

■ 255.0000, 0.0000,
0.0000

■ 33.4350, 13.5895,
-18.7985

■ 104.0870, 14.7471,
-16.7393

■ 15.5990, 11.5367,
-13.6803

■ 129.5000, 15.0365,
-16.2245

■ 2.5250, 7.1362,
-2.2144

■ 156.2010, 15.1839,
-16.8393

■ 0.0000, 0.0000,
0.0000

■ 183.0160, 15.7681,
-17.5540

■ 210.4290, 16.0575,
-17.0392

■ 237.1920, 8.7793,

-15.9544

252.9070, 1.0318,
-4.3034

56.4460, 13.5841,
-17.0541

56.4460, 13.5841,
-17.0541

51.7060, 15.9209,
-19.9132

61.1860, 11.2473,
-14.1951

46.6670, 18.4052,
-23.3870

66.2250, 8.7631,
-10.7213

41.9270, 20.7420,
-26.2460

70.9650, 6.4263,
-7.8623

36.8880, 23.2262,
-29.7198

76.0040, 3.9420,
-4.3885

34.8170, 24.2472,
-30.5345

81.3310, 1.3158,
-2.0443

■ 86.0710, -1.0210,
0.8147

■ 91.1100, -3.5052,
4.2885

■ 95.8500, -5.8420,
7.1476

■ 100.8890, -8.3263,
10.6213

Harmonies

Analogous

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



51.6570, 13.4801, -30.3942



56.4460, 13.5841, -17.0541



59.8500, 10.9200, -2.4994

Triad

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



56.4460, 13.5841, -17.0541



60.0520, -5.4486, 21.0024



55.1420, -5.4930, -11.5255

Complementary

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



56.4460, 13.5841, -17.0541



64.5540, -13.5841, 17.0541

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.



56.8400, -10.7671, 0.1403



56.4460, 13.5841, -17.0541



59.1780, -9.9478, 17.3839

Square

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



56.4460, 13.5841, -17.0541



60.3490, 0.8139, 18.9879



58.2650, -11.9626, 10.2916



52.9000, 1.5283, -23.5913

Rectangle

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



56.4460, 13.5841, -17.0541



60.8080, 7.9827, 6.3074



58.2650, -11.9626, 10.2916



55.5940, -7.6878, -7.5369

Sweetspot

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



56.4460, 13.5841, -17.0541



99.0360, 5.4053, -7.0476



67.2110, -3.5550, -26.4950



49.7760, 3.0684, -4.1886



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



56.4460, 13.5841, -17.0541



66.7420, 21.3262, -26.9607



42.9450, 20.2401, -5.2138



38.6300, 1.1684, -1.4295



43.0810, 30.5261, -37.7820



95.7140, 67.1890, -83.9412

Inverse Universe

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



53.7890, 3.5550, 26.4950



62.4580, 5.6902, 41.6943



78.0550, -20.2401, 5.2138



38.4240, 0.2840, 2.2592



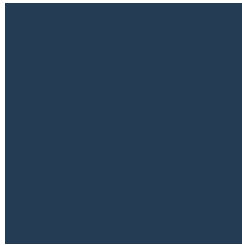
37.4370, 7.6726, 59.2528



82.8200, 17.3437, 130.8309

Previews

White Background



This preview shows how the YUV color 56.4460, 13.5841, -17.0541 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 56.4460, 13.5841, -17.0541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

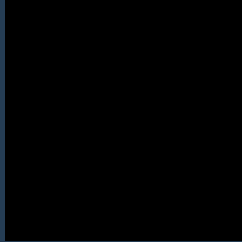
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

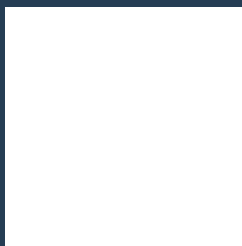
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 56.4460, 13.5841, -17.0541

Background



This preview shows how black text looks on a background with the YUV color 56.4460, 13.5841, -17.0541.



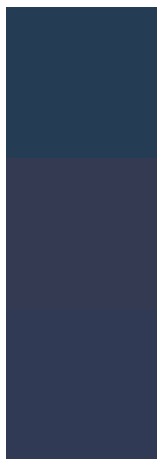
This preview shows how white text looks on a background with the YUV color 56.4460, 13.5841, -17.0541.

-17.0541.

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

56.4460, 13.5841, -17.0541

Protanopia

58.9420, 11.3676, -6.0881

Deuteranopia

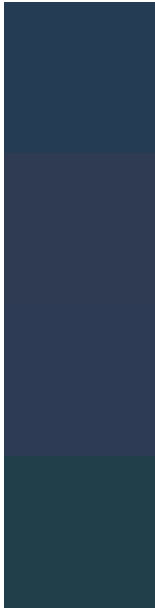
58.3870, 13.1202, -8.2324



Tritanopia

54.7030, 7.0484, -20.7875

Trichromacy



Original Color

56.4460, 13.5841, -17.0541

Protanomaly

58.1480, 12.2520, -9.7768

Deuteranomaly

57.7780, 13.4204, -11.2063

Tritanomaly

55.2840, 9.2270, -19.5431

Monochromacy



Original Color

56.4460, 13.5841, -17.0541

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.2210, 4.8210, -6.3328

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.4460, 13.5841, -17.0541 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(37, 61, 84)` looks like.

```
.text, #text, p{  
    color:rgb(37, 61, 84)  
}
```

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(37, 61, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 61, 84) }
```

Border

The CSS property to change the border of an element to YUV 56.4460, 13.5841, -17.0541 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(37, 61, 84) }
```


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

```
.border{ border-color:rgb(37, 61, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 61, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 61, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 61, 84);  
box-shadow:4px 4px 4px 4px rgb(37, 61, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.4460, 13.5841, -17.0541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 61, 84) }
```

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

```
.background{ background-color: rgb(37, 61,  
84) }
```

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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