

Converting Colors

YUV(54.8250, 35.5823,
-26.1565)

Have a look what the booklet for
YUV(54.8250, 35.5823, -26.1565)
contains.

YUV(54.8250, 35.5823, -26.1565)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(54.8250, 35.5823,
-26.1565)**

Conversions

Conversions Part 1

Format	Color
Hex	19387F
RGB	25, 56, 127
RGB Percent	10%, 22%, 50%
CMY	0.9020, 0.7804, 0.5020
CMYK	0.80, 0.56, 0.00, 0.50
HSL	222°, 67%, 30%
HSV	222°, 80%, 50%
XYZ	5.6458, 4.5673, 20.6627
YIQ	54.8250, -41.2670, 15.5090

Conversions

Conversions Part 2

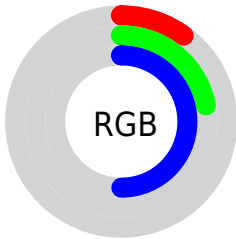
Format	Color
R_{YB}	25, 49, 127
Decimal	1652863
CIE _{Lab}	25.46, 16.36, -43.44
CIE _{LCh}	25, 46.420, 290.639
Yxy	4.5673, 0.1829, 0.1479
Android (android.graphics.Color)	4279842943 (0xFF19387F)
YUV	54.8250, 35.5823, -26.1565
Hunter-Lab	21.3713, 9.7561, -42.3642

Details

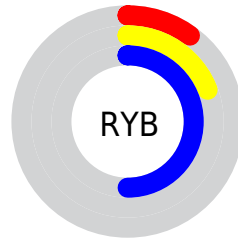
The YUV color **54.8250, 35.5823, -26.1565** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **97.1750, -35.5823, 26.1565**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.1080, 36.4288, -17.6347**, and **17.5830, 29.2926, -15.4203** is the 20% darker color. If you saturate the color by 10%, you get **45.6550, 40.1031, -29.5154**, and if you desaturate by 10%, it is **63.9950, 31.0615, -22.7976**.

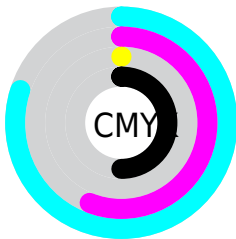
Distribution



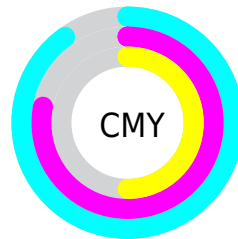
- Red (10%)
- Green (22%)
- Blue (50%)



- Red (10%)
- Yellow (19%)
- Blue (50%)



- Cyan (80%)
- Magenta (56%)
- Yellow (0%)
- Black (50%)



- Cyan (90%)
- Magenta (78%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.8250, 35.5823, -26.1565 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 54.8250, 35.5823, -26.1565 by changing the saturation by 10% instead.

■ 54.8250, 35.5823,
-26.1565

■ 54.8250, 35.5823,
-26.1565

■ 255.0000, 0.0000,
0.0000

■ 32.1730, 34.4247,
-28.2157

■ 106.1080, 36.4288,
-17.6347

■ 17.5830, 29.2926,
-15.4203

■ 132.3470, 37.2969,
-16.0903

■ 9.0910, 22.1401,
-7.9728

■ 159.2870, 38.3125,
-15.1607

■ 4.7080, 12.9620,
-4.1289

■ 185.5600, 34.2339,
-13.6461

■ 0.3420, 1.3104,
-0.2999

■ 209.7810, 22.2930,
-10.3319

■ 0.0000, 0.0000,
0.0000

■ 234.8880, 9.9152,

-6.9178

■ 54.8250, 35.5823,
-26.1565

■ 54.8250, 35.5823,
-26.1565

■ 45.6550, 40.1031,
-29.5154

■ 63.9950, 31.0615,
-22.7976

■ 37.3710, 44.1871,
-32.7744

■ 72.8660, 26.6881,
-20.0535

■ 82.0360, 22.1673,
-16.6946

■ 90.6190, 17.9358,
-12.8209

■ 99.7890, 13.4150,
-9.4620

■ 108.6600, 9.0416,
-6.7178

■ 117.8300, 4.5208,
-3.3589

■ 127.0000, 0.0000,
0.0000

■ 135.8710, -4.3734,
2.7441

Harmonies

Analogous

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



54.7360, 37.1052, -48.0035



54.8250, 35.5823, -26.1565



61.0120, 22.1791, 26.2995

Triad

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



54.8250, 35.5823, -26.1565



54.7120, -26.4800, 46.7336



49.4970, -0.7380, -43.4089

Complementary

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



54.8250, 35.5823, -26.1565



97.1750, -35.5823, 26.1565

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.



43.2900, -16.9050, -37.9653



54.8250, 35.5823, -26.1565



57.4010, -28.2987, 23.3273

Square

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



54.8250, 35.5823, -26.1565



50.7780, -6.2996, 60.7077



54.5890, -26.9124, -1.3936



53.6010, 14.9867, -47.0081

Rectangle

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



54.8250, 35.5823, -26.1565



55.3800, 14.1097, 47.9017



54.5890, -26.9124, -1.3936



47.4280, -6.1270, -41.5944

Sweetspot

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



54.8250, 35.5823, -26.1565



137.6040, 13.9992, -10.1767



92.8540, 1.0580, -59.5080



66.8450, 8.4574, -6.0031



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



54.8250, 35.5823, -26.1565



53.3020, 55.5601, -40.6069



42.3090, 41.7527, 1.4830



58.9720, 2.4788, -1.7294



37.4850, 44.6239, -32.8743



0.0000, 0.0000, 0.0000

Inverse Universe

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



59.0320, -1.4948, 59.6079



60.0130, -2.4714, 92.9506



109.6910, -41.7527, -1.4830



59.3210, -0.1583, 4.1035



42.7180, -1.8330, 74.7923



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 54.8250, 35.5823, -26.1565 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 54.8250, 35.5823, -26.1565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

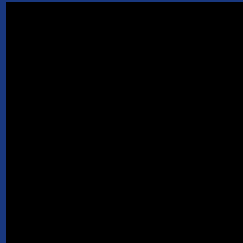
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.8250, 35.5823, -26.1565

Background



This preview shows how black text looks on a background with the YUV color 54.8250, 35.5823, -26.1565.



This preview shows how white text looks on a background with the YUV color 54.8250, 35.5823,

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

54.8250, 35.5823, -26.1565

Protanopia

48.1820, 37.3783, -42.2556

Deuteranopia

48.5920, 28.7951, -42.6152



Tritanopia

47.5370, 12.0603, -41.6899

Trichromacy



Original Color

54.8250, 35.5823, -26.1565

Protanomaly

50.4000, 36.7778, -36.3078

Deuteranomaly

50.9070, 31.1048, -36.7524

Tritanomaly

50.1600, 20.6271, -36.0973

Monochromacy



Original Color

54.8250, 35.5823, -26.1565

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.6750, 12.9782, -9.3620

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.8250, 35.5823, -26.1565 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(25, 56, 127)` looks like.

```
.text, #text, p{  
    color:rgb(25, 56, 127)  
}
```

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(25, 56, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 56, 127) }
```

Border

The CSS property to change the border of an element to YUV 54.8250, 35.5823, -26.1565 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(25, 56, 127) }
```


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

```
.border{ border-color:rgb(25, 56, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 56, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 56, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 56, 127);  
box-shadow:4px 4px 4px 4px rgb(25, 56,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 54.8250, 35.5823, -26.1565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 56, 127) }
```

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

```
.background{ background-color: rgb(25, 56,  
127) }
```

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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