

Converting Colors

YUV(54.5460, 42.1288,
-25.9118)

Have a look what the booklet for
YUV(54.5460, 42.1288, -25.9118)
contains.

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Color

**YUV(54.5460, 42.1288,
-25.9118)**

Conversions

Conversions Part 1

Format	Color
Hex	19358C
RGB	25, 53, 140
RGB Percent	10%, 21%, 55%
CMY	0.9020, 0.7922, 0.4510
CMYK	0.82, 0.62, 0.00, 0.45
HSL	225°, 70%, 32%
HSV	225°, 82%, 55%
XYZ	6.4076, 4.6463, 25.3701
YIQ	54.5460, -44.6150, 21.1210

Conversions

Conversions Part 2

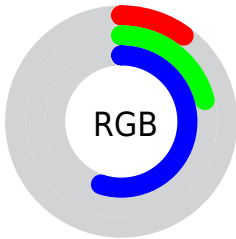
Format	Color
R_{YB}	25, 48, 140
Decimal	1652108
CIE _{Lab}	25.70, 23.74, -51.17
CIE _{LCh}	26, 56.410, 294.893
Yxy	4.6463, 0.1759, 0.1276
Android (android.graphics.Color)	4279842188 (0xFF19358C)
YUV	54.5460, 42.1288, -25.9118
Hunter-Lab	21.5553, 15.3398, -54.6940

Details

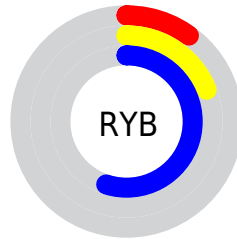
The YUV color **54.5460, 42.1288, -25.9118** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **110.4540, -42.1288, 25.9118**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.1390, 42.8225, -15.0309**, and **17.7770, 35.1129, -15.5904** is the 20% darker color. If you saturate the color by 10%, you get **43.9030, 47.3758, -28.8559**, and if you desaturate by 10%, it is **65.1890, 36.8818, -22.9678**.

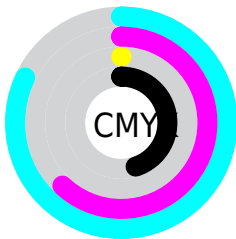
Distribution



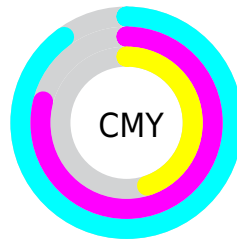
- Red (10%)
- Green (21%)
- Blue (55%)



- Red (10%)
- Yellow (19%)
- Blue (55%)



- Cyan (82%)
- Magenta (62%)
- Yellow (0%)
- Black (45%)



- Cyan (90%)
- Magenta (79%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.5460, 42.1288, -25.9118 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 54.5460, 42.1288, -25.9118 by changing the saturation by 10% instead.

■ 54.5460, 42.1288,
-25.9118

■ 54.5460, 42.1288,
-25.9118

■ 255.0000, 0.0000,
0.0000

■ 31.7800, 40.5345,
-27.8711

■ 107.1390, 42.8225,
-15.0309

■ 17.7770, 35.1129,
-15.5904

■ 133.7910, 43.9800,
-12.9717

■ 9.1710, 27.5237,
-8.0430

■ 160.7310, 44.9956,
-12.0421

■ 6.5490, 17.4773,
-5.7435

■ 184.7070, 34.6544,
-8.5130

■ 2.8670, 8.4466,
-2.5144

■ 209.8140, 22.2767,
-5.0989

■ 0.0000, 0.0000,
0.0000

■ 235.2200, 9.7515,

-1.0699

■ 54.5460, 42.1288,
-25.9118

■ 54.5460, 42.1288,
-25.9118

■ 43.9030, 47.3758,
-28.8559

■ 65.1890, 36.8818,
-22.9678

■ 35.9180, 51.3124,
-31.5001

■ 75.2450, 31.9242,
-19.5089

■ 85.8880, 26.6772,
-16.5648

■ 95.9440, 21.7196,
-13.1059

■ 106.5870, 16.4726,
-10.1618

■ 117.2300, 11.2256,
-7.2177

■ 127.2860, 6.2680,
-3.7588

■ 137.9290, 1.0210,
-0.8147

■ 147.9850, -3.9366,
2.6442

Harmonies

Analogous

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



57.3750, 44.6781, -50.3179



54.5460, 42.1288, -25.9118



56.9520, 26.6457, 40.3841

Triad

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



54.5460, 42.1288, -25.9118



54.3320, -26.7857, 51.4518



51.1270, 0.4304, -44.8384

Complementary

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



54.5460, 42.1288, -25.9118



110.4540, -42.1288, 25.9118

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.



44.1390, -21.2675, -38.7099



54.5460, 42.1288, -25.9118



57.9770, -28.5827, 21.0682

Square

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



54.5460, 42.1288, -25.9118



42.0620, -6.9326, 77.1216



52.7620, -26.0117, -10.3153



56.7300, 19.3601, -49.7522

Rectangle

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



54.5460, 42.1288, -25.9118



46.6520, 18.4126, 67.8342



52.7620, -26.0117, -10.3153



49.4170, -6.1216, -43.3387

Sweetspot

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



54.5460, 42.1288, -25.9118



147.5870, 16.4726, -10.1618



102.3090, 4.2847, -67.8000



71.3010, 10.2046, -6.4030



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



54.5460, 42.1288, -25.9118



47.6470, 65.7430, -40.0324



46.7810, 45.9570, 6.3311



63.9720, 2.4788, -1.7294



33.9460, 48.8336, -29.7706



1.1570, 1.8946, -1.0147

Inverse Universe

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



62.5770, -4.7215, 67.9000



60.4230, -7.6035, 105.7460



118.2190, -45.9570, -6.3311



64.3210, -0.1583, 4.1035



43.4150, -5.6276, 78.5660



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 54.5460, 42.1288, -25.9118 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 54.5460, 42.1288, -25.9118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

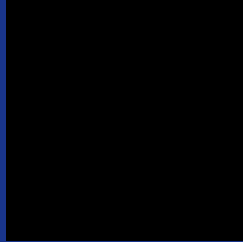
Any Text WCAG AA × Fail

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 54.5460, 42.1288, -25.9118 Background



This preview shows how black text looks on a background with the YUV color 54.5460, 42.1288, -25.9118.



This preview shows how white text looks on a background with the YUV color 54.5460, 42.1288, -25.9118.

-25.9118.

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

54.5460, 42.1288, -25.9118

Protanopia

48.7690, 37.0889, -42.7704

Deuteranopia

49.1790, 28.5058, -43.1300



Tritanopia

48.1240, 11.7709, -42.2047

Trichromacy



Original Color

54.5460, 42.1288, -25.9118

Protanomaly

50.9700, 38.9618, -36.8077

Deuteranomaly

50.8900, 33.5782, -36.7375

Tritanomaly

50.7300, 22.8111, -36.5972

Monochromacy



Original Color

54.5460, 42.1288, -25.9118

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.6580, 15.4516, -9.3471

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.5460, 42.1288, -25.9118 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, 53, 140)` looks like.

```
.text, #text, p{  
    color:rgb(25, 53, 140)  
}
```

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, 53, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 53, 140) }
```

Border

The CSS property to change the border of an element to YUV 54.5460, 42.1288, -25.9118 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, 53, 140) }
```


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

```
.border{ border-color:rgb(25, 53, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 53, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 53, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 53, 140);  
box-shadow:4px 4px 4px 4px rgb(25, 53,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 54.5460, 42.1288, -25.9118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 53, 140) }
```

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

```
.background{ background-color: rgb(25, 53,  
140) }
```

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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