

Converting Colors

YUV(162.4540, 21.4682,
-25.8312)

Have a look what the booklet for
YUV(162.4540, 21.4682, -25.8312)
contains.

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Color

**YUV(162.4540, 21.4682,
-25.8312)**

Conversions

Conversions Part 1

Format	Color
Hex	85A9CE
RGB	133, 169, 206
RGB Percent	52%, 66%, 81%
CMY	0.4784, 0.3373, 0.1922
CMYK	0.35, 0.18, 0.00, 0.19
HSL	210°, 43%, 66%
HSV	210°, 35%, 81%
XYZ	35.0014, 37.8187, 63.8475
YIQ	162.4540, -33.3330, 3.8750

Conversions

Conversions Part 2

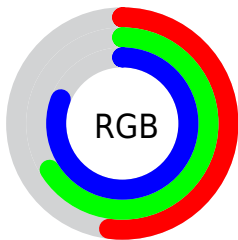
Format	Color
RYB	133, 157, 206
Decimal	8759758
CIELab	67.89, -3.19, -22.77
CIELCh	68, 22.991, 262.015
Yxy	37.8187, 0.2561, 0.2767
Android (android.graphics.Color)	4286949838 (0xFF85A9CE)
YUV	162.4540, 21.4682, -25.8312
Hunter-Lab	61.4969, -6.0251, -18.5084

Details

The YUV color **162.4540, 21.4682, -25.8312** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **176.5460, -21.4682, 25.8312**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.7700, 18.8474, -25.2313**, and **109.9270, 20.7420, -26.2460** is the 20% darker color. If you saturate the color by 10%, you get **150.3050, 27.4576, -33.5935**, and if you desaturate by 10%, it is **174.6030, 15.4787, -18.0688**.

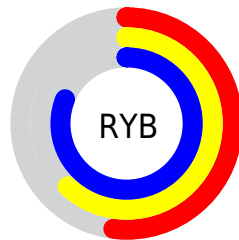
Distribution



Red (52%)

Green (66%)

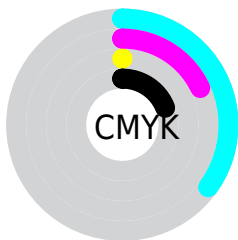
Blue (81%)



Red (52%)

Yellow (62%)

Blue (81%)

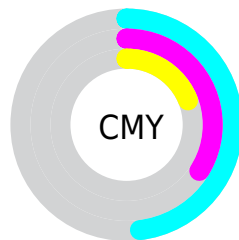


Cyan (35%)

Magenta (18%)

Yellow (0%)

Black (19%)



Cyan (48%)

Magenta (34%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.4540, 21.4682, -25.8312 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 162.4540, 21.4682, -25.8312 by changing the saturation by 10% instead.

■ 162.4540, 21.4682,
-25.8312

■ 162.4540, 21.4682,
-25.8312

255.0000, 0.0000,
0.0000

■ 135.9270, 20.7420,
-26.2460

■ 216.7700, 18.8474,
-25.2313

■ 109.9270, 20.7420,
-26.2460

■ 242.1650, 6.3277,
-22.9467

■ 84.5140, 20.4526,
-26.7608

■ 252.0100, 1.4741,
-6.1478

■ 59.7910, 20.3160,
-29.6347

■ 36.2530, 19.5953,
-31.7939

■ 21.4180, 16.0629,
-18.7836

■ 4.8220, 13.3988,

-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 162.4540, 21.4682,
-25.8312

■ 162.4540, 21.4682,
-25.8312

■ 150.3050, 27.4576,
-33.5935

■ 174.6030, 15.4787,
-18.0688

■ 137.8680, 33.5891,
-40.2262

■ 187.0400, 9.3473,
-11.4361

■ 125.7190, 39.5785,
-47.9886

■ 199.1890, 3.3578,
-3.6738

■ 113.2820, 45.7100,
-54.6213

■ 211.6260, -2.7736,
2.9590

■ 101.1330, 51.6994,
-62.3836

■ 223.7750, -8.7631,
10.7213

■ 88.3970, 57.9783,
-69.6312

■ 235.9130,
-14.7471, 16.7393

■ 83.3580, 60.4625,
-73.1050

■ 241.7830,
-17.6410, 11.5913

■ 248.2400,
-20.8243, 5.9285

■ 249.4140,
-21.4031, 4.8989

Harmonies

Analogous

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



157.7850, 19.3330, -41.0304



162.4540, 21.4682, -25.8312



166.4890, 18.4929, -4.8139

Triad

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



162.4540, 21.4682, -25.8312



168.0430, -8.4022, 35.0423



160.1430, -10.4235, -16.7884

Complementary

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



162.4540, 21.4682, -25.8312



176.5460, -21.4682, 25.8312

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.



163.0160, -17.7559, 1.7400



162.4540, 21.4682, -25.8312



166.6590, -16.1009, 30.9941

Square

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



162.4540, 21.4682, -25.8312



168.9420, 1.5076, 29.8689



164.9580, -19.6993, 18.4538



157.6060, 0.6872, -33.8575

Rectangle

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



162.4540, 21.4682, -25.8312



168.0240, 13.7922, 9.6260



164.9580, -19.6993, 18.4538



161.3780, -13.4974, -10.8555

Sweetspot

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



162.4540, 21.4682, -25.8312



238.4100, 8.1789, -10.0066



180.0690, -4.9640, -41.2795



117.6340, 5.1104, -5.8180



0.0000, 0.0000, 0.0000



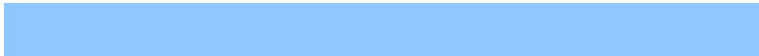
128.0000, 0.0000, 0.0000

Same Dimension

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



162.4540, 21.4682, -25.8312



189.2380, 32.4207, -38.7967



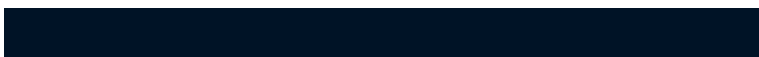
141.3220, 31.8863, -7.2984



96.0750, 2.9210, -3.5738



67.0580, 48.7784, -58.8099



15.4850, 11.0999, -13.5803

Inverse Universe

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



158.9310, 4.9640, 41.2795



184.0460, 7.3723, 62.2267



197.6780, -31.8863, 7.2984



95.5600, 0.7099, 5.6479



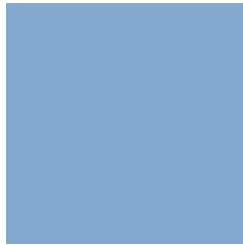
58.9820, 11.3479, 93.8548



13.5280, 2.6977, 21.4619

Previews

White Background



This preview shows how the YUV color 162.4540, 21.4682, -25.8312 looks on a white background.

Color Contrast Check

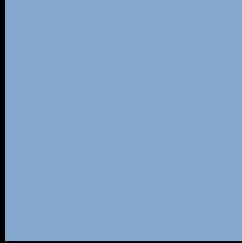
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 162.4540, 21.4682, -25.8312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

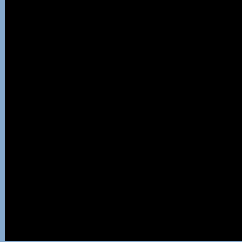
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.4540, 21.4682, -25.8312

Background



This preview shows how black text looks on a background with the YUV color 162.4540, 21.4682, -25.8312.



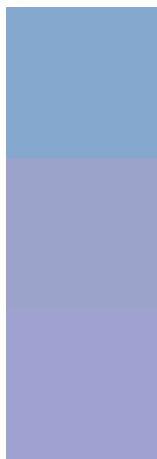
This preview shows how white text looks on a background with the YUV color 162.4540, 21.4682, -25.8312.

-25.8312.

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

162.4540, 21.4682, -25.8312

Protanopia

165.3530, 18.0670, -8.2026

Deuteranopia

166.3470, 20.5349, -6.4433



Tritanopia

160.4400, 12.6011, -28.4499

Trichromacy



Original Color

162.4540, 21.4682, -25.8312

Protanomaly

164.2490, 19.1042, -14.2504

Deuteranomaly

165.3030, 20.5566, -13.4207

Tritanomaly

161.2490, 15.6532, -27.4054

Monochromacy



Original Color

162.4540, 21.4682, -25.8312

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.2960, 7.7421, -9.9066

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.4540, 21.4682, -25.8312 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(133, 169, 206)` looks like.

```
.text, #text, p{  
    color:rgb(133, 169, 206)  
}
```

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(133, 169, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 169, 206) }
```

Border

The CSS property to change the border of an element to YUV 162.4540, 21.4682, -25.8312 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(133, 169, 206) }
```


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

```
.border{ border-color:rgb(133, 169, 206) }
```

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

Here you see how a box with a 4 pixel rgb(133, 169, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 169, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 169, 206);  
box-shadow:4px 4px 4px 4px rgb(133, 169,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 162.4540, 21.4682, -25.8312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 169, 206) }
```

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

```
.background{ background-color: rgb(133,  
169, 206) }
```

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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