

Converting Colors

YUV(134.4540, 48.0902,
-71.4352)

Have a look what the booklet for
YUV(134.4540, 48.0902, -71.4352)
contains.

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Color

**YUV(134.4540, 48.0902,
-71.4352)**

Conversions

Conversions Part 1

Format	Color
Hex	359DE8
RGB	53, 157, 232
RGB Percent	21%, 62%, 91%
CMY	0.7922, 0.3843, 0.0902
CMYK	0.77, 0.32, 0.00, 0.09
HSL	205°, 80%, 56%
HSV	205°, 77%, 91%
XYZ	28.0907, 30.6970, 80.7885
YIQ	134.4540, -86.0590, 1.2770

Conversions

Conversions Part 2

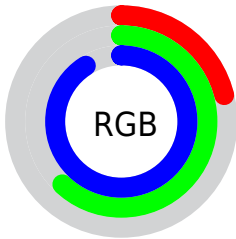
Format	Color
R _Y B	53, 119, 232
Decimal	3513832
CIE Lab	62.25, -4.24, -46.15
CIE LCh	62, 46.340, 264.753
Yxy	30.6970, 0.2013, 0.2199
Android (android.graphics.Color)	4281703912 (0xFF359DE8)
YUV	134.4540, 48.0902, -71.4352
Hunter-Lab	55.4049, -6.4578, -47.6701

Details

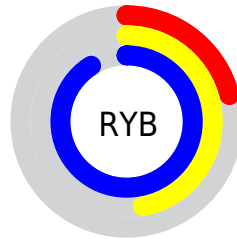
The YUV color **134.4540, 48.0902, -71.4352** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **150.5460, -48.0902, 71.4352**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.0030, 32.0435, -57.8846**, and **82.2860, 46.2010, -72.1648** is the 20% darker color. If you saturate the color by 10%, you get **121.7070, 54.3744, -80.4270**, and if you desaturate by 10%, it is **147.2010, 41.8059, -62.4433**.

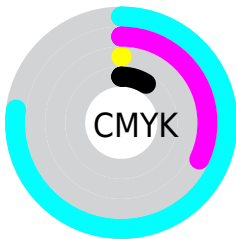
Distribution



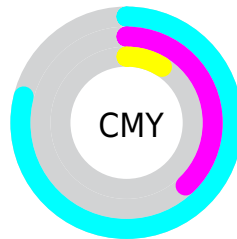
- Red (21%)
- Green (62%)
- Blue (91%)



- Red (21%)
- Yellow (47%)
- Blue (91%)



- Cyan (77%)
- Magenta (32%)
- Yellow (0%)
- Black (9%)



- Cyan (79%)
- Magenta (38%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.4540, 48.0902, -71.4352 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 134.4540, 48.0902, -71.4352 by changing the saturation by 10% instead.

■ 134.4540, 48.0902,
-71.4352

■ 134.4540, 48.0902,
-71.4352

255.0000, 0.0000,
0.0000

■ 100.1530, 51.1966,
-87.8342

■ 190.0030, 32.0435,
-57.8846

■ 82.2860, 46.2010,
-72.1648

■ 216.5940, 18.9342,
-53.1409

■ 65.1200, 41.3528,
-57.1102

■ 234.3690, 10.1711,
-42.4196

■ 49.2420, 36.3627,
-43.1852

■ 243.6380, 5.6015,
-23.3615

■ 33.9510, 31.0832,
-29.7750

■ 252.9070, 1.0318,
-4.3034

■ 18.8880, 26.6772,
-16.5648

■ 8.0480, 20.6823,

-7.0581

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 134.4540, 48.0902,
-71.4352

■ 134.4540, 48.0902,
-71.4352

■ 121.7070, 54.3744,
-80.4270

■ 147.2010, 41.8059,
-62.4433

■ 109.5470, 60.3693,
-89.9337

■ 159.3610, 35.8110,
-52.9366

■ 105.6930, 62.2694,
-92.6928

■ 172.4070, 29.3793,
-43.3299

■ 185.1540, 23.0951,
-34.3381

■ 197.9010, 16.8108,
-25.3462

■ 210.0610, 10.8159,
-15.8395

■ 222.8080, 4.5317,
-6.8476

■ 235.8540, -1.9000,
2.7590

■ 245.9210, -6.8631,
7.9623

Harmonies

Analogous

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



122.7670, 46.4569, -107.6667



134.4540, 48.0902, -71.4352



152.0490, 35.9648, -8.8130

Triad

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



134.4540, 48.0902, -71.4352



150.5910, -16.0674, 67.0107



136.7520, -17.6257, -40.1245

Complementary

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



134.4540, 48.0902, -71.4352



150.5460, -48.0902, 71.4352

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.



143.2270, -34.6219, -1.9531



134.4540, 48.0902, -71.4352



149.5620, -32.3221, 53.8811

Square

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



134.4540, 48.0902, -71.4352



152.8950, 3.0098, 61.4821



147.3450, -40.1031, 29.5154



116.5650, 12.5395, -102.2275

Rectangle

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



134.4540, 48.0902, -71.4352



155.1300, 26.5579, 21.8110



147.3450, -40.1031, 29.5154



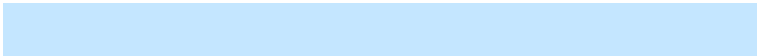
139.1190, -24.2157, -26.4144

Sweetspot

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



134.4540, 48.0902, -71.4352



222.6840, 15.9318, -23.4019



166.6230, -19.0411, -99.6474



108.4310, 9.6475, -14.4100



0.0000, 0.0000, 0.0000



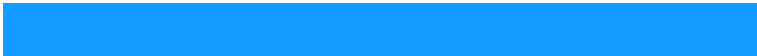
128.0000, 0.0000, 0.0000

Same Dimension

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



134.4540, 48.0902, -71.4352



126.0240, 63.5852, -94.7370



82.2110, 73.8460, -25.6180



108.4770, 3.2158, -4.8033



81.4540, 48.0902, -71.4352



23.4240, 13.5950, -20.5428

Inverse Universe

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



118.3770, 19.0411, 99.6474



104.5950, 25.3427, 131.9052



202.7890, -73.8460, 25.6180



107.3860, 1.2887, 6.6775



65.3770, 19.0411, 99.6474



18.6690, 5.5862, 28.3543

Previews

White Background



This preview shows how the YUV color 134.4540, 48.0902, -71.4352 looks on a white background.

Color Contrast Check

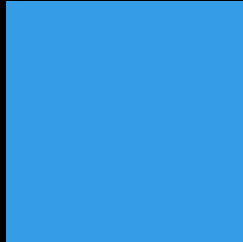
Large Text (above 18pt) WCAG AA × Fail

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 134.4540, 48.0902, -71.4352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

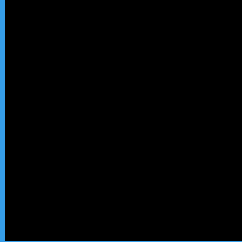
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

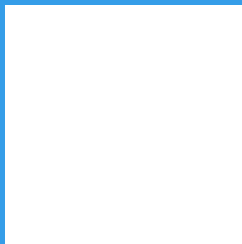
Any Text WCAG AAA ✓ Pass

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

YUV 134.4540, 48.0902, -71.4352 Background



This preview shows how black text looks on a background with the YUV color 134.4540, 48.0902, -71.4352.

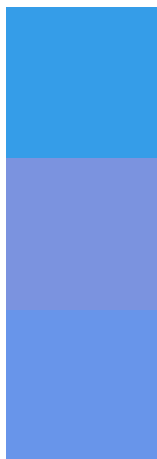


This preview shows how white text looks on a background with the YUV color 134.4540, 48.0902, -71.4352.

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

134.4540, 48.0902, -71.4352

Protanopia

148.4880, 36.7344, -22.3530

Deuteranopia

145.2350, 43.7611, -36.1631



Tritanopia

117.8480, 30.1479, -103.3527

Trichromacy



Original Color

134.4540, 48.0902, -71.4352

Protanomaly

143.7030, 40.5724, -40.0815

Deuteranomaly

141.2010, 45.2569, -49.2883

Tritanomaly

123.9340, 36.5145, -92.0271

Monochromacy



Original Color

134.4540, 48.0902, -71.4352

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.1290, 17.6844, -25.5461

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.4540, 48.0902, -71.4352 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(53, 157, 232)` looks like.

```
.text, #text, p{  
    color:rgb(53, 157, 232)  
}
```

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(53, 157, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 157, 232) }
```

Border

The CSS property to change the border of an element to YUV 134.4540, 48.0902, -71.4352 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(53, 157, 232) }
```


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

```
.border{ border-color:rgb(53, 157, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 157, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 157, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 157, 232);  
box-shadow:4px 4px 4px 4px rgb(53, 157,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 134.4540, 48.0902, -71.4352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 157, 232) }
```

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

```
.background{ background-color: rgb(53, 157,  
232) }
```

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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