

Converting Colors

YUV(193.5440, 24.8748,
-45.2041)

Have a look what the booklet for
YUV(193.5440, 24.8748, -45.2041)
contains.

YUV(193.5440, 24.8748, -45.2041)	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(193.5440, 24.8748,
-45.2041)**

Conversions

Conversions Part 1

Format	Color
Hex	8ED2F4
RGB	142, 210, 244
RGB Percent	56%, 82%, 96%
CMY	0.4431, 0.1765, 0.0431
CMYK	0.42, 0.14, 0.00, 0.04
HSL	200°, 82%, 76%
HSV	200°, 42%, 96%
XYZ	50.5311, 58.3756, 94.1923
YIQ	193.5440, -51.4420, -3.8420

Conversions

Conversions Part 2

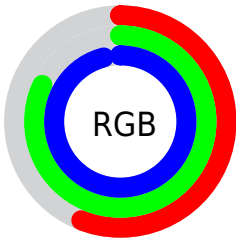
Format	Color
R_{YB}	142, 183, 244
Decimal	9360116
CIE _{Lab}	80.95, -12.82, -23.42
CIE _{LCh}	81, 26.699, 241.292
Yxy	58.3756, 0.2488, 0.2874
Android (android.graphics.Color)	4287550196 (0xFF8ED2F4)
YUV	193.5440, 24.8748, -45.2041
Hunter-Lab	76.4039, -15.6529, -19.6111

Details

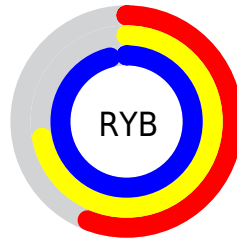
The YUV color **193.5440, 24.8748, -45.2041** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **192.4560, -24.8748, 45.2041**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.2560, 8.2548, -34.4275**, and **138.7180, 24.2960, -46.2337** is the 20% darker color. If you saturate the color by 10%, you get **181.6720, 30.7277, -55.8403**, and if you desaturate by 10%, it is **205.4160, 19.0219, -34.5678**.

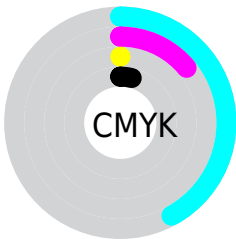
Distribution



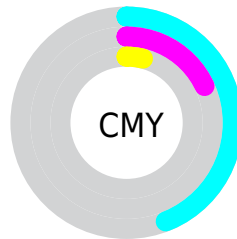
- Red (56%)
- Green (82%)
- Blue (96%)



- Red (56%)
- Yellow (72%)
- Blue (96%)



- Cyan (42%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (44%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.5440, 24.8748, -45.2041 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 193.5440, 24.8748, -45.2041 by changing the saturation by 10% instead.

■ 193.5440, 24.8748,
-45.2041

■ 193.5440, 24.8748,
-45.2041

■ 255.0000, 0.0000,
0.0000

■ 165.5440, 24.8748,
-45.2041

■ 238.2560, 8.2548,
-34.4275

■ 138.7180, 24.2960,
-46.2337

■ 247.2260, 3.8326,
-15.9842

■ 110.8210, 24.7382,
-48.0780

■ 82.0050, 25.6335,
-55.2554

■ 59.3860, 24.4597,
-52.0815

■ 43.1490, 20.6325,
-37.8417

■ 28.0860, 16.2266,

-24.6314

■ 9.8430, 14.8674,
-8.6323

■ 2.5250, 7.1362,
-2.2144

■ 193.5440, 24.8748,
-45.2041

■ 193.5440, 24.8748,
-45.2041

■ 181.6720, 30.7277,
-55.8403

■ 205.4160, 19.0219,
-34.5678

■ 169.5010, 36.7280,
-67.0914

■ 217.5870, 13.0216,
-23.3168

■ 157.6290, 42.5809,
-77.7276

■ 229.4590, 7.1687,
-12.6805

■ 144.8710, 48.8706,
-88.4639

■ 242.2170, 0.8790,
-1.9443

■ 132.9990, 54.7235,
-99.1001

■ 251.3980, -3.6472,
3.1590

■ 123.4970, 59.4080,
-108.3069

■ 253.7460, -4.8048,
1.0998

Harmonies

Analogous

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



189.9530, 17.7712, -53.4558



193.5440, 24.8748, -45.2041



199.0890, 25.0991, -23.7571

Triad

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



193.5440, 24.8748, -45.2041



205.0850, -2.0139, 39.3905



196.6300, -19.0446, -4.9375

Complementary

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



193.5440, 24.8748, -45.2041



192.4560, -24.8748, 45.2041

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.



200.0950, -24.2038, 16.5797



193.5440, 24.8748, -45.2041



203.7080, -13.6600, 41.4751

Square

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



193.5440, 24.8748, -45.2041



205.3850, 9.6702, 25.0954



201.8890, -21.6373, 33.4233



193.8320, -8.7912, -27.0397

Rectangle

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



193.5440, 24.8748, -45.2041



202.1020, 22.1347, -6.2285



201.8890, -21.6373, 33.4233



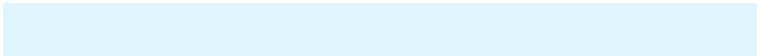
197.9900, -21.6871, 2.6398

Sweetspot

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



193.5440, 24.8748, -45.2041



238.6760, 8.0477, -14.6249



205.7500, -14.6667, -55.9087



117.6120, 5.1213, -9.3067



0.0000, 0.0000, 0.0000



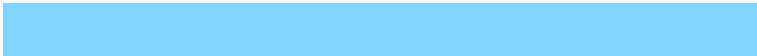
128.0000, 0.0000, 0.0000

Same Dimension

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



193.5440, 24.8748, -45.2041



191.7860, 31.1645, -55.9403



163.6070, 39.6337, -18.9493



116.0640, 2.9264, -5.3181



93.9920, 45.3599, -82.4310



29.6190, 14.4848, -25.9759

Inverse Universe

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



180.2500, 14.6668, 55.9087



175.5490, 17.9703, 69.6785



222.3930, -39.6337, 18.9493



114.5000, 1.7255, 6.5775



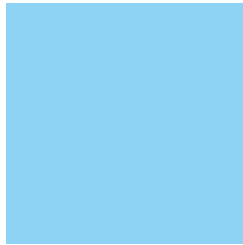
69.7500, 26.7452, 101.9513



22.0870, 8.3381, 32.3727

Previews

White Background



This preview shows how the YUV color 193.5440, 24.8748, -45.2041 looks on a white background.

Color Contrast Check

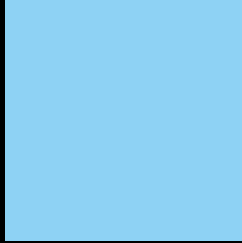
Large Text (above 18pt) WCAG AA × Fail

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 193.5440, 24.8748, -45.2041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

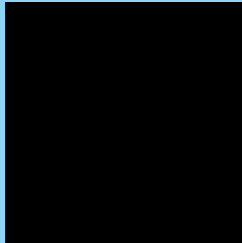
Any Text WCAG AA ✓ Pass

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 193.5440, 24.8748, -45.2041 Background



This preview shows how black text looks on a background with the YUV color 193.5440, 24.8748, -45.2041.



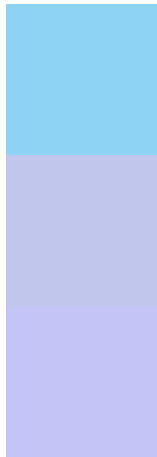
This preview shows how white text looks on a background with the YUV color 193.5440, 24.8748, -45.2041.

-45.2041.

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

193.5440, 24.8748, -45.2041

Protanopia

200.8370, 17.3354, -6.8730

Deuteranopia

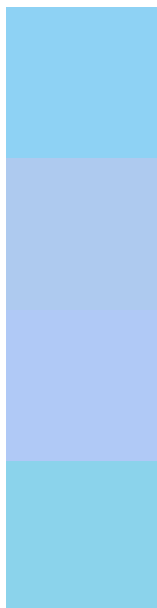
201.8140, 22.2767, -5.0989



Tritanopia

191.9260, 18.7705, -47.2931

Trichromacy



Original Color

193.5440, 24.8748, -45.2041

Protanomaly

197.8460, 20.2889, -20.9129

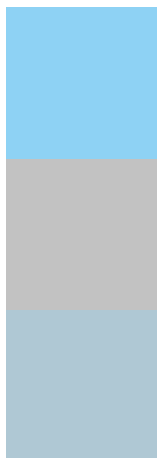
Deuteranomaly

198.6550, 23.3411, -19.8684

Tritanomaly

192.2080, 21.0965, -46.6634

Monochromacy



Original Color

193.5440, 24.8748, -45.2041

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.8930, 8.9268, -16.5692

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.5440, 24.8748, -45.2041 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(142, 210, 244)` looks like.

```
.text, #text, p{  
    color:rgb(142, 210, 244)  
}
```

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(142, 210, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 210, 244) }
```

Border

The CSS property to change the border of an element to YUV 193.5440, 24.8748, -45.2041 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(142, 210, 244) }
```


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

```
.border{ border-color:rgb(142, 210, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 210, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 210, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 210, 244);  
box-shadow:4px 4px 4px 4px rgb(142, 210,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 193.5440, 24.8748, -45.2041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 210, 244) }
```

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

```
.background{ background-color: rgb(142,  
210, 244) }
```

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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