

Converting Colors

YUV(155.0710, 48.7720,
-103.5483)

Have a look what the booklet for
YUV(155.0710, 48.7720, -103.5483)
contains.

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Color

**YUV(155.0710, 48.7720,
-103.5483)**

Conversions

Conversions Part 1

Format	Color
Hex	25C4FE
RGB	37, 196, 254
RGB Percent	15%, 77%, 100%
CMY	0.8549, 0.2314, 0.0039
CMYK	0.85, 0.23, 0.00, 0.00
HSL	196°, 99%, 57%
HSV	196°, 85%, 100%
XYZ	38.3923, 47.0289, 100.8199
YIQ	155.0710, -113.3820, -15.6700

Conversions

Conversions Part 2

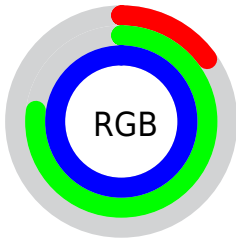
Format	Color
R _Y B	37, 129, 254
Decimal	2475262
CIE Lab	74.21, -19.22, -39.40
CIE LCh	74, 43.843, 243.995
Yxy	47.0289, 0.2061, 0.2525
Android (android.graphics.Color)	4280665342 (0xFF25C4FE)
YUV	155.0710, 48.7720, -103.5483
Hunter-Lab	68.5776, -20.0800, -39.1613

Details

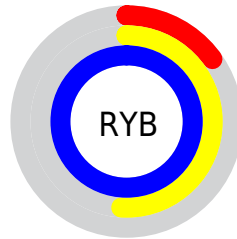
The YUV color **155.0710, 48.7720, -103.5483** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **135.9290, -48.7720, 103.5483**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.0590, 20.1839, -80.7357**, and **105.8120, 44.9557, -92.7971** is the 20% darker color. If you saturate the color by 10%, you get **143.4870, 54.4829, -115.3141**, and if you desaturate by 10%, it is **166.6550, 43.0611, -91.7824**.

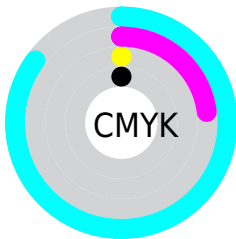
Distribution



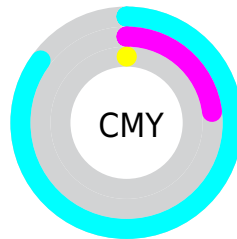
- Red (15%)
- Green (77%)
- Blue (100%)



- Red (15%)
- Yellow (51%)
- Blue (100%)



- Cyan (85%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.0710, 48.7720, -103.5483 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 155.0710, 48.7720, -103.5483 by changing the saturation by 10% instead.

■ 155.0710, 48.7720,
-103.5483

■ 155.0710, 48.7720,
-103.5483

255.0000, 0.0000,
0.0000

■ 124.8530, 49.3725,
-109.4961

■ 214.0590, 20.1839,
-80.7357

■ 105.8120, 44.9557,
-92.7971

■ 225.3990, 14.5933,
-60.8629

■ 88.0590, 40.3969,
-77.2277

■ 234.9670, 9.8763,
-41.1901

■ 70.3060, 35.8381,
-61.6584

■ 244.5350, 5.1592,
-21.5172

■ 53.2540, 31.4268,
-46.7038

■ 253.8040, 0.5896,
-2.4591

■ 37.4900, 26.8734,
-32.8787

■ 23.6010, 21.8887,

-20.6981

■ 6.8910, 18.7877,
-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 155.0710, 48.7720,
-103.5483

■ 155.0710, 48.7720,
-103.5483

■ 143.4870, 54.4829,
-115.3141

■ 166.6550, 43.0611,
-91.7824

■ 138.1380, 57.1200,
-121.1470

■ 178.5380, 37.2028,
-79.4018

■ 189.5350, 31.7812,
-67.1212

■ 201.4180, 25.9229,
-54.7406

■ 213.0020, 20.2120,
-42.9748

■ 224.5860, 14.5011,
-31.2089

■ 236.4690, 8.6428,
-18.8283

■ 247.4660, 3.2213,
-6.5477

254.8860, -0.4368,
0.1000

Harmonies

Analogous

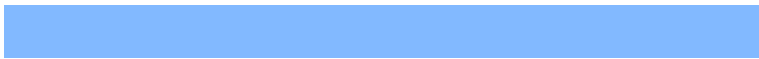
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



144.3380, 40.2594, -126.5844



155.0710, 48.7720, -103.5483



176.5350, 38.6832, -40.8112

Triad

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



155.0710, 48.7720, -103.5483



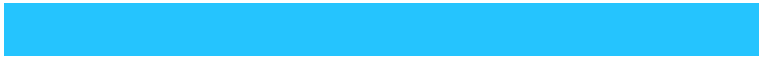
184.7010, -2.8106, 61.6522



174.1270, -29.6426, -12.3894

Complementary

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



155.0710, 48.7720, -103.5483



135.9290, -48.7720, 103.5483

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.



179.0450, -38.4762, 21.0085



155.0710, 48.7720, -103.5483



183.0760, -21.7295, 63.0773

Square

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



155.0710, 48.7720, -103.5483



187.4010, 15.5783, 43.4983



182.1330, -35.0686, 48.1184



167.5210, -10.6099, -50.4459

Rectangle

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



155.0710, 48.7720, -103.5483



184.1200, 34.9438, -7.9982



182.1330, -35.0686, 48.1184



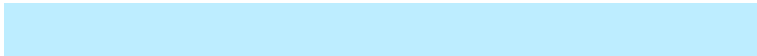
176.0530, -34.0431, -0.9235

Sweetspot

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



155.0710, 48.7720, -103.5483



224.7000, 14.9379, -31.3089



170.9910, -37.4636, -117.5101



109.5830, 9.0796, -18.9283



0.0000, 0.0000, 0.0000



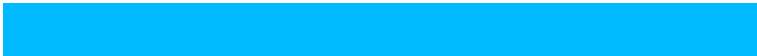
128.0000, 0.0000, 0.0000

Same Dimension

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



155.0710, 48.7720, -103.5483



138.8390, 57.2674, -121.7618



91.6750, 80.0262, -47.9500



121.7650, 3.0739, -5.9329



103.9540, 42.9137, -91.1677



34.8850, 14.3537, -30.5941

Inverse Universe

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



120.0090, 37.4636, 117.5101



97.5630, 44.0924, 138.0722



199.3250, -80.0262, 47.9500



119.9130, 2.0149, 7.0923



73.0690, 32.9970, 103.4255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 155.0710, 48.7720, -103.5483 looks on a white background.

Color Contrast Check

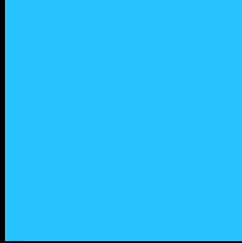
Large Text (above 18pt) WCAG AA × Fail

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 155.0710, 48.7720, -103.5483 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

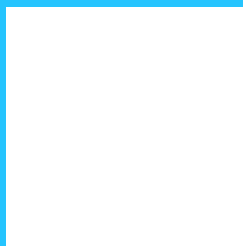
Any Text WCAG AAA ✓ Pass

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

YUV 155.0710, 48.7720, -103.5483 Background



This preview shows how black text looks on a background with the YUV color 155.0710, 48.7720, -103.5483.



This preview shows how white text looks on a background with the YUV color 155.0710, 48.7720, -103.5483.

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

155.0710, 48.7720, -103.5483

Protanopia

181.5830, 29.2926, -15.4203

Deuteranopia

180.1890, 36.8818, -22.9678



Tritanopia

142.7250, 36.6176, -125.1698

Trichromacy



Original Color

155.0710, 48.7720, -103.5483

Protanomaly

171.9210, 36.5209, -47.2887

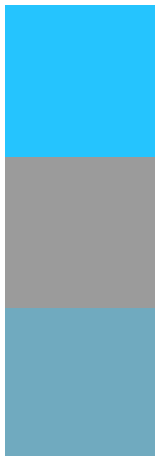
Deuteranomaly

170.8540, 41.4840, -52.4920

Tritanomaly

146.9200, 40.9584, -117.4478

Monochromacy



Original Color

155.0710, 48.7720, -103.5483

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.0520, 17.7224, -37.7566

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.0710, 48.7720, -103.5483 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(37, 196, 254)` looks like.

```
.text, #text, p{  
    color:rgb(37, 196, 254)  
}
```

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(37, 196, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 196, 254) }
```

Border

The CSS property to change the border of an element to YUV 155.0710, 48.7720, -103.5483 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(37, 196, 254) }
```


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

```
.border{ border-color:rgb(37, 196, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 196, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 196, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 196, 254);  
box-shadow:4px 4px 4px 4px rgb(37, 196,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 155.0710, 48.7720, -103.5483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 196, 254) }
```

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

```
.background{ background-color: rgb(37, 196,  
254) }
```

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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