

Converting Colors

YUV(170.0010, 25.1425,
-37.7119)

Have a look what the booklet for
YUV(170.0010, 25.1425, -37.7119)
contains.

YUV(170.0010, 25.1425, -37.7119)	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(170.0010, 25.1425,
-37.7119)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB6DD
RGB	127, 182, 221
RGB Percent	50%, 71%, 87%
CMY	0.5020, 0.2863, 0.1333
CMYK	0.43, 0.18, 0.00, 0.13
HSL	205°, 58%, 68%
HSV	205°, 43%, 87%
XYZ	38.5315, 43.1884, 74.7120
YIQ	170.0010, -45.2990, 0.4690

Conversions

Conversions Part 2

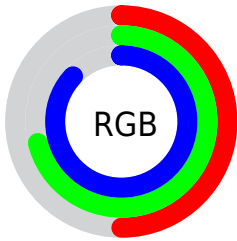
Format	Color
RYB	127, 162, 221
Decimal	8369885
CIELab	71.68, -7.89, -25.23
CIELCh	72, 26.432, 252.631
Yxy	43.1884, 0.2463, 0.2761
Android (android.graphics.Color)	4286559965 (0xFF7FB6DD)
YUV	170.0010, 25.1425, -37.7119
Hunter-Lab	65.7179, -10.3487, -21.4019

Details

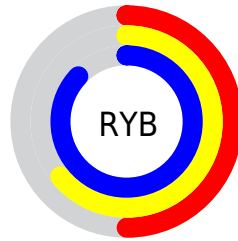
The YUV color **170.0010, 25.1425, -37.7119** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **177.9990, -25.1425, 37.7119**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.4930, 15.5330, -35.5124**, and **116.1750, 24.5637, -38.7415** is the 20% darker color. If you saturate the color by 10%, you get **158.1400, 30.9900, -46.6038**, and if you desaturate by 10%, it is **181.8620, 19.2950, -28.8200**.

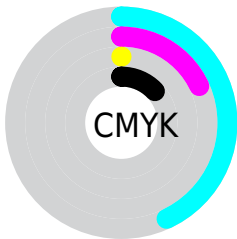
Distribution



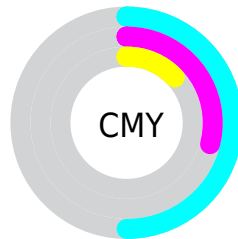
- Red (50%)
- Green (71%)
- Blue (87%)



- Red (50%)
- Yellow (64%)
- Blue (87%)



- Cyan (43%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (50%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0010, 25.1425, -37.7119 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 170.0010, 25.1425, -37.7119 by changing the saturation by 10% instead.

■ 170.0010, 25.1425,
-37.7119

■ 170.0010, 25.1425,
-37.7119

255.0000, 0.0000,
0.0000

■ 142.5880, 24.8531,
-38.2267

■ 223.4930, 15.5330,
-35.5124

■ 116.1750, 24.5637,
-38.7415

■ 242.1430, 6.3385,
-26.4354

■ 89.4520, 24.4272,
-41.6154

■ 250.8140, 2.0637,
-8.6069

■ 59.9560, 26.6437,
-52.5814

■ 43.6050, 22.3797,
-38.2416

■ 28.6560, 18.4106,
-25.1313

■ 13.1200, 14.7308,

-11.5062

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 170.0010, 25.1425,
-37.7119

■ 170.0010, 25.1425,
-37.7119

■ 158.1400, 30.9900,
-46.6038

■ 181.8620, 19.2950,
-28.8200

■ 146.2790, 36.8375,
-55.4957

■ 193.7230, 13.4476,
-19.9281

■ 133.8310, 42.9743,
-63.8728

■ 206.1710, 7.3107,
-11.5510

■ 121.9700, 48.8218,
-72.7647

■ 218.0320, 1.4632,
-2.6591

■ 110.1090, 54.6693,
-81.6566

■ 230.1920, -4.5317,
6.8476

■ 100.9170, 59.2009,
-88.5042

■ 240.5580, -9.6421,
12.6656

■ 245.8410,
-12.2466, 8.0324

■ 251.1240,
-14.8511, 3.3993

Harmonies

Analogous

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



165.0610, 20.6759, -51.7965



170.0010, 25.1425, -37.7119



175.2860, 23.0300, -13.4058

Triad

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



170.0010, 25.1425, -37.7119



178.6460, -6.2345, 39.7755



170.6120, -15.0917, -12.8147

Complementary

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



170.0010, 25.1425, -37.7119



177.9990, -25.1425, 37.7119

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.



173.2080, -22.2875, 8.5876



170.0010, 25.1425, -37.7119



177.5890, -16.5594, 38.0714

Square

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



170.0010, 25.1425, -37.7119



179.9790, 5.4334, 30.7134



175.6170, -22.4892, 26.6459



167.1670, -3.5333, -33.4725

Rectangle

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



170.0010, 25.1425, -37.7119



178.2450, 18.6132, 3.2931



175.6170, -22.4892, 26.6459



171.5590, -18.0236, -5.7522

Sweetspot

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



170.0010, 25.1425, -37.7119



236.9150, 8.9159, -13.0805



186.5100, -10.6044, -52.1903



116.4380, 5.7001, -8.2771



0.0000, 0.0000, 0.0000



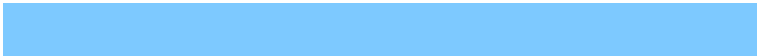
128.0000, 0.0000, 0.0000

Same Dimension

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



170.0010, 25.1425, -37.7119



184.4320, 34.7900, -52.1219



142.9990, 38.4545, -14.0311



103.7760, 3.0684, -4.1886



79.0090, 46.3376, -69.2909



21.0930, 12.2792, -18.4986

Inverse Universe

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



161.3760, 10.1676, 52.2902



172.5340, 14.0337, 72.3227



205.0010, -38.4545, 14.0311



102.9730, 0.9993, 6.1627



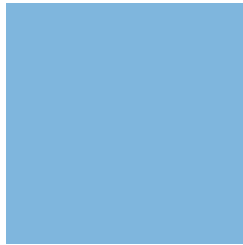
63.2410, 18.6152, 96.2586



16.8320, 5.0128, 25.5803

Previews

White Background



This preview shows how the YUV color 170.0010, 25.1425, -37.7119 looks on a white background.

Color Contrast Check

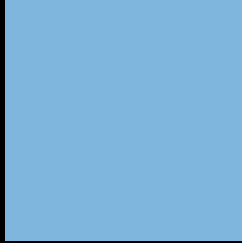
Large Text (above 18pt) WCAG AA × Fail

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 170.0010, 25.1425, -37.7119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

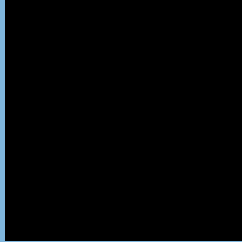
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.0010, 25.1425, -37.7119

Background



This preview shows how black text looks on a background with the YUV color 170.0010, 25.1425, -37.7119.



This preview shows how white text looks on a background with the YUV color 170.0010, 25.1425, -37.7119.

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

170.0010, 25.1425, -37.7119

Protanopia

175.3960, 19.5248, -9.1173

Deuteranopia

176.3190, 23.0137, -8.1728



Tritanopia

168.1610, 15.6966, -41.3602

Trichromacy



Original Color

170.0010, 25.1425, -37.7119

Protanomaly

173.1990, 21.5939, -19.4685

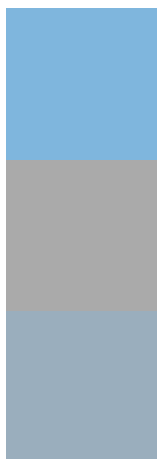
Deuteranomaly

174.0680, 23.6305, -19.3536

Tritanomaly

169.0840, 19.1856, -40.4157

Monochromacy



Original Color

170.0010, 25.1425, -37.7119

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.7300, 9.5001, -13.7952

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0010, 25.1425, -37.7119 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(127, 182, 221)` looks like.

```
.text, #text, p{  
    color:rgb(127, 182, 221)  
}
```

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(127, 182, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 182, 221) }
```

Border

The CSS property to change the border of an element to YUV 170.0010, 25.1425, -37.7119 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(127, 182, 221) }
```


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

```
.border{ border-color:rgb(127, 182, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 182, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 182, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 182, 221);  
box-shadow:4px 4px 4px 4px rgb(127, 182,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 170.0010, 25.1425, -37.7119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 182, 221) }
```

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

```
.background{ background-color: rgb(127,  
182, 221) }
```

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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