

Converting Colors

YUV(172.5610, 25.8524,
-32.0640)

Have a look what the booklet for
YUV(172.5610, 25.8524, -32.0640)
contains.

YUV(172.5610, 25.8524, -32.0640)	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(172.5610, 25.8524,
-32.0640)**

Conversions

Conversions Part 1

Format	Color
Hex	88B5E1
RGB	136, 181, 225
RGB Percent	53%, 71%, 88%
CMY	0.4667, 0.2902, 0.1176
CMYK	0.40, 0.20, 0.00, 0.12
HSL	210°, 60%, 71%
HSV	210°, 40%, 88%
XYZ	40.2678, 43.7182, 77.5503
YIQ	172.5610, -40.9440, 4.1440

Conversions

Conversions Part 2

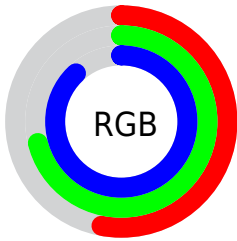
Format	Color
RYB	136, 166, 225
Decimal	8959457
CIELab	72.04, -3.95, -26.82
CIELCh	72, 27.107, 261.615
Yxy	43.7182, 0.2493, 0.2706
Android (android.graphics.Color)	4287149537 (0xFF88B5E1)
YUV	172.5610, 25.8524, -32.0640
Hunter-Lab	66.1198, -7.0007, -23.2560

Details

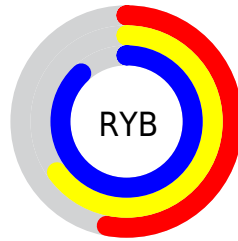
The YUV color **172.5610, 25.8524, -32.0640** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **188.4390, -25.8524, 32.0640**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.5970, 14.4957, -29.4646**, and **119.0340, 25.1262, -32.4788** is the 20% darker color. If you saturate the color by 10%, you get **159.5260, 32.2787, -39.9263**, and if you desaturate by 10%, it is **185.8950, 19.2788, -23.5869**.

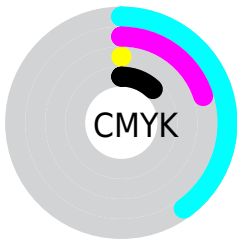
Distribution



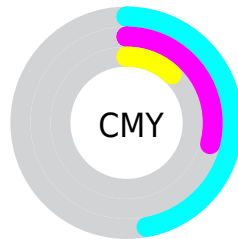
- Red (53%)
- Green (71%)
- Blue (88%)



- Red (53%)
- Yellow (65%)
- Blue (88%)



- Cyan (40%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)



- Cyan (47%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.5610, 25.8524, -32.0640 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 172.5610, 25.8524, -32.0640 by changing the saturation by 10% instead.

■ 172.5610, 25.8524,
-32.0640

■ 172.5610, 25.8524,
-32.0640

255.0000, 0.0000,
0.0000

■ 145.4470, 25.4156,
-31.9640

■ 225.5970, 14.4957,
-29.4646

■ 119.0340, 25.1262,
-32.4788

■ 244.8340, 5.0118,
-20.9024

■ 92.9090, 24.6949,
-34.1232

■ 253.5050, 0.7370,
-3.0739

■ 66.2890, 25.0005,
-38.8415

■ 43.9470, 23.6901,
-38.5415

■ 28.4110, 20.0104,
-24.9164

■ 12.8750, 16.3306,

-11.2914

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 172.5610, 25.8524,
-32.0640

■ 172.5610, 25.8524,
-32.0640

■ 159.5260, 32.2787,
-39.9263

■ 185.8950, 19.2788,
-23.5869

■ 146.1920, 38.8523,
-48.4034

■ 198.9300, 12.8525,
-15.7246

■ 132.8580, 45.4260,
-56.8805

■ 211.9650, 6.4263,
-7.8623

■ 119.8230, 51.8523,
-64.7428

■ 225.2990, -0.1474,
0.6148

■ 106.2010, 58.5679,
-72.0903

■ 238.9210, -6.8631,
7.9623

■ 92.8670, 65.1416,
-80.5674

■ 247.4710,
-11.0782, 6.6029

■ 92.5680, 65.2890,
-81.1821

■ 251.5800,
-13.1039, 2.9993

Harmonies

Analogous

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



166.8700, 23.7281, -50.7520



172.5610, 25.8524, -32.0640



177.9880, 21.6979, -6.1285

Triad

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



172.5610, 25.8524, -32.0640



179.4460, -9.5869, 41.7049



170.2520, -12.4492, -20.3920

Complementary

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



172.5610, 25.8524, -32.0640



188.4390, -25.8524, 32.0640

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.



173.6910, -21.5397, 2.0250



172.5610, 25.8524, -32.0640



178.1820, -19.3167, 35.7974

Square

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



172.5610, 25.8524, -32.0640



180.5020, 2.2175, 35.5167



176.2420, -23.7833, 21.7128



166.6760, 1.1457, -40.9349

Rectangle

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



172.5610, 25.8524, -32.0640



179.8330, 16.8443, 10.6705



176.2420, -23.7833, 21.7128



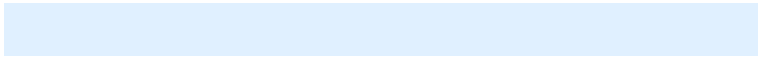
171.3840, -15.9653, -12.6148

Sweetspot

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



172.5610, 25.8524, -32.0640



236.9260, 8.9105, -11.3361



193.1450, -6.9735, -50.1162



117.3350, 5.2578, -6.4328



0.0000, 0.0000, 0.0000



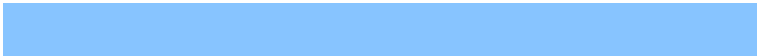
128.0000, 0.0000, 0.0000

Same Dimension

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



172.5610, 25.8524, -32.0640



184.4870, 34.7629, -43.4001



146.7330, 38.5856, -9.4128



105.7760, 3.0684, -4.1886



72.3070, 51.1206, -63.4132



19.5600, 14.0209, -17.1541

Inverse Universe

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



167.7410, 6.5367, 50.2161



177.8340, 8.9558, 67.6746



214.2670, -38.5856, 9.4128



104.9730, 0.9993, 6.1627



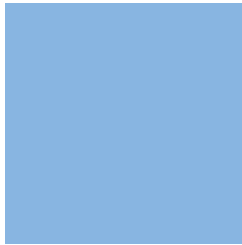
62.7700, 12.9314, 99.3027



17.0880, 3.4076, 27.1098

Previews

White Background



This preview shows how the YUV color 172.5610, 25.8524, -32.0640 looks on a white background.

Color Contrast Check

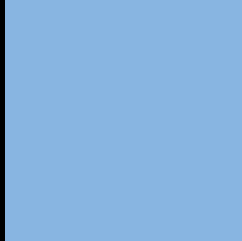
Large Text (above 18pt) WCAG AA × Fail

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 172.5610, 25.8524, -32.0640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

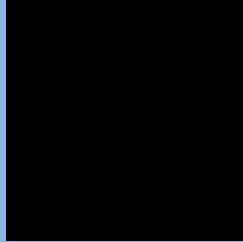
Any Text WCAG AA ✓ Pass

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 172.5610, 25.8524, -32.0640 Background



This preview shows how black text looks on a background with the YUV color 172.5610, 25.8524, -32.0640.



This preview shows how white text looks on a background with the YUV color 172.5610, 25.8524, -32.0640.

-32.0640.

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

172.5610, 25.8524, -32.0640

Protanopia

176.5530, 21.4194, -10.1320

Deuteranopia

177.0630, 24.6189, -9.7023



Tritanopia

170.2650, 14.6594, -35.3124

Trichromacy



Original Color

172.5610, 25.8524, -32.0640

Protanomaly

175.2530, 23.0463, -18.6389

Deuteranomaly

175.4210, 24.9354, -17.9092

Tritanomaly

171.3020, 18.5851, -34.4679

Monochromacy



Original Color

172.5610, 25.8524, -32.0640

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0400, 9.3473, -11.4361

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.5610, 25.8524, -32.0640 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(136, 181, 225)` looks like.

```
.text, #text, p{  
    color:rgb(136, 181, 225)  
}
```

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(136, 181, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 181, 225) }
```

Border

The CSS property to change the border of an element to YUV 172.5610, 25.8524, -32.0640 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(136, 181, 225) }
```


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

```
.border{ border-color:rgb(136, 181, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 181, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 181, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 181, 225);  
box-shadow:4px 4px 4px 4px rgb(136, 181,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 172.5610, 25.8524, -32.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 181, 225) }
```

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

```
.background{ background-color: rgb(136,  
181, 225) }
```

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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