

Converting Colors

YUV(174.6750, 26.2892,
-32.1640)

Have a look what the booklet for
YUV(174.6750, 26.2892, -32.1640)
contains.

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Color

**YUV(174.6750, 26.2892,
-32.1640)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB7E4
RGB	138, 183, 228
RGB Percent	54%, 72%, 89%
CMY	0.4588, 0.2824, 0.1059
CMYK	0.39, 0.20, 0.00, 0.11
HSL	210°, 62%, 72%
HSV	210°, 39%, 89%
XYZ	41.4183, 44.8717, 79.8769
YIQ	174.6750, -41.2650, 4.4550

Conversions

Conversions Part 2

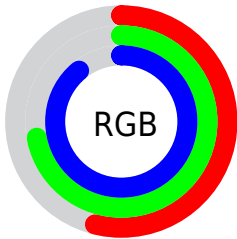
Format	Color
RYB	138, 168, 228
Decimal	9091044
CIELab	72.81, -3.72, -27.26
CIELCh	73, 27.514, 262.233
Yxy	44.8717, 0.2493, 0.2700
Android (android.graphics.Color)	4287281124 (0xFF8AB7E4)
YUV	174.6750, 26.2892, -32.1640
Hunter-Lab	66.9863, -6.8578, -23.8091

Details

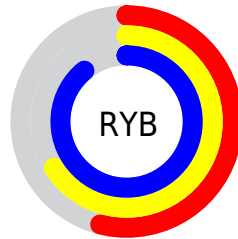
The YUV color **174.6750, 26.2892, -32.1640** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **191.3250, -26.2892, 32.1640**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.3690, 13.6221, -29.2646**, and **120.7350, 25.2736, -33.0936** is the 20% darker color. If you saturate the color by 10%, you get **161.3410, 32.8629, -40.6411**, and if you desaturate by 10%, it is **188.0090, 19.7156, -23.6869**.

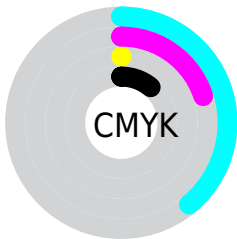
Distribution



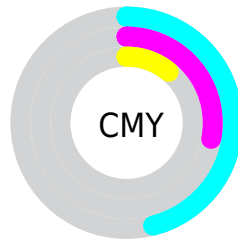
- Red (54%)
- Green (72%)
- Blue (89%)



- Red (54%)
- Yellow (66%)
- Blue (89%)



- Cyan (39%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (46%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.6750, 26.2892, -32.1640 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 174.6750, 26.2892, -32.1640 by changing the saturation by 10% instead.

■ 174.6750, 26.2892,
-32.1640

■ 174.6750, 26.2892,
-32.1640

■ 255.0000, 0.0000,
0.0000

■ 147.5610, 25.8524,
-32.0640

■ 227.3690, 13.6221,
-29.2646

■ 120.7350, 25.2736,
-33.0936

■ 245.4320, 4.7170,
-19.6729

■ 95.0230, 25.1317,
-34.2232

■ 254.1030, 0.4422,
-1.8443

■ 68.4030, 25.4373,
-38.9414

■ 44.8760, 24.7111,
-39.3563

■ 29.8130, 20.3052,
-26.1460

■ 14.8640, 16.3360,

-13.0357

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 174.6750, 26.2892,
-32.1640

■ 174.6750, 26.2892,
-32.1640

■ 161.3410, 32.8629,
-40.6411

■ 188.0090, 19.7156,
-23.6869

■ 147.4200, 39.7259,
-48.6033

■ 201.9300, 12.8525,
-15.7246

■ 134.3850, 46.1522,
-56.4656

■ 214.9650, 6.4263,
-7.8623

■ 120.4640, 53.0152,
-64.4279

■ 228.8860, -0.4368,
0.1000

■ 107.1300, 59.5889,
-72.9050

■ 242.2200, -7.0105,
8.5771

■ 93.7960, 66.1626,
-81.3821

■ 249.5740,
-10.6360, 4.7586

■ 92.9100, 66.5994,
-81.4821

■ 251.9220,
-11.7935, 2.6994

Harmonies

Analogous

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



168.6850, 24.3123, -51.4667



174.6750, 26.2892, -32.1640



180.4010, 21.9873, -5.6137

Triad

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



174.6750, 26.2892, -32.1640



181.6310, -10.1711, 42.4196



171.9530, -12.3018, -21.0068

Complementary

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



174.6750, 26.2892, -32.1640



191.3250, -26.2892, 32.1640

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.



175.3920, -21.3923, 1.4102



174.6750, 26.2892, -32.1640



180.3670, -19.9009, 36.5121

Square

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



174.6750, 26.2892, -32.1640



182.6870, 1.6333, 36.2315



178.1280, -24.2201, 21.8127



168.3770, 1.2931, -41.5496

Rectangle

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



174.6750, 26.2892, -32.1640



182.1320, 16.6969, 11.2852



178.1280, -24.2201, 21.8127



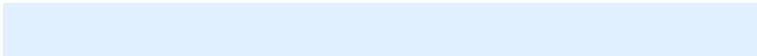
173.0850, -15.8179, -13.2295

Sweetspot

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



174.6750, 26.2892, -32.1640



236.9260, 8.9105, -11.3361



195.9600, -6.3893, -50.8309



117.3350, 5.2578, -6.4328



0.0000, 0.0000, 0.0000



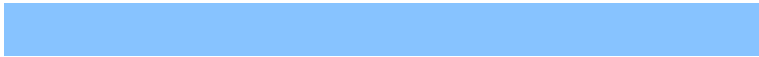
128.0000, 0.0000, 0.0000

Same Dimension

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



174.6750, 26.2892, -32.1640



183.9000, 35.0523, -42.8853



148.2600, 39.3118, -8.9980



107.8900, 3.5052, -4.2885



72.6490, 52.4310, -63.7132



21.0760, 14.7525, -18.4837

Inverse Universe

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



170.0400, 6.3893, 50.8309



177.7200, 8.5190, 67.7746



217.7400, -39.3118, 8.9980



107.2720, 0.8519, 6.7775



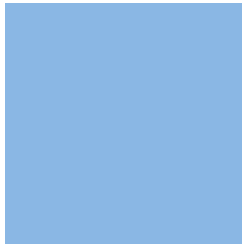
63.6670, 12.4892, 101.1470



18.2130, 3.8390, 28.7542

Previews

White Background



This preview shows how the YUV color 174.6750, 26.2892, -32.1640 looks on a white background.

Color Contrast Check

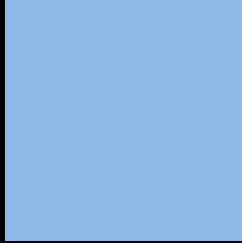
Large Text (above 18pt) WCAG AA × Fail

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 174.6750, 26.2892, -32.1640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

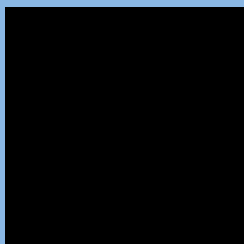
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

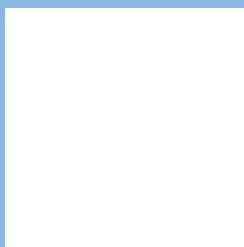
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 174.6750, 26.2892, -32.1640

Background



This preview shows how black text looks on a background with the YUV color 174.6750, 26.2892, -32.1640.



This preview shows how white text looks on a background with the YUV color 174.6750, 26.2892, -32.1640.

-32.1640.

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

174.6750, 26.2892, -32.1640

Protanopia

178.6670, 21.8562, -10.2320

Deuteranopia

179.1770, 25.0557, -9.8022



Tritanopia

172.0800, 15.2436, -36.0272

Trichromacy



Original Color

174.6750, 26.2892, -32.1640

Protanomaly

177.3670, 23.4831, -18.7389

Deuteranomaly

177.5350, 25.3722, -18.0092

Tritanomaly

173.4160, 19.0219, -34.5678

Monochromacy



Original Color

174.6750, 26.2892, -32.1640

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.0400, 9.3473, -11.4361

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.6750, 26.2892, -32.1640 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(138, 183, 228)` looks like.

```
.text, #text, p{  
    color:rgb(138, 183, 228)  
}
```

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(138, 183, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 183, 228) }
```

Border

The CSS property to change the border of an element to YUV 174.6750, 26.2892, -32.1640 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

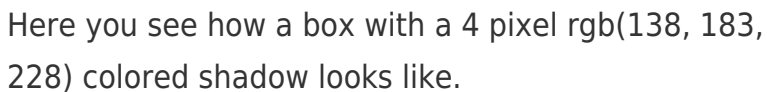
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 183, 228) }
```


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

```
.border{ border-color:rgb(138, 183, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 183, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 183, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 183, 228); box-shadow:4px 4px 4px 4px rgb(138, 183, 228) }
```

Background

The CSS property to change the background color of an element to YUV 174.6750, 26.2892, -32.1640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 183, 228) }
```

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

```
.background{ background-color: rgb(138,  
183, 228) }
```

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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