

Converting Colors

YUV(172.1600, 40.8401,
-32.5893)

Have a look what the booklet for
YUV(172.1600, 40.8401, -32.5893)
contains.

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Color

**YUV(172.1600, 40.8401,
-32.5893)**

Conversions

Conversions Part 1

Format	Color
Hex	87AFFF
RGB	135, 175, 255
RGB Percent	53%, 69%, 100%
CMY	0.4706, 0.3137, 0.0000
CMYK	0.47, 0.31, 0.00, 0.00
HSL	220°, 100%, 76%
HSV	220°, 47%, 100%
XYZ	43.3716, 43.0308, 100.6276
YIQ	172.1600, -49.5200, 16.4000

Conversions

Conversions Part 2

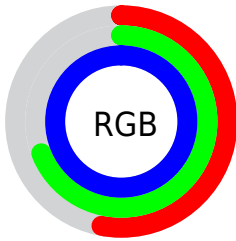
Format	Color
R_{YB}	135, 165, 255
Decimal	8892415
CIE _{Lab}	71.58, 7.46, -43.82
CIE _{LCh}	72, 44.449, 279.658
Yxy	43.0308, 0.2319, 0.2301
Android (android.graphics.Color)	4287082495 (0xFF87AFFF)
YUV	172.1600, 40.8401, -32.5893
Hunter-Lab	65.5979, 3.2233, -45.0327

Details

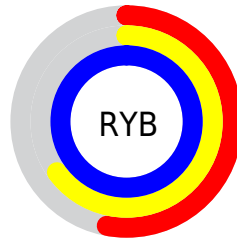
The YUV color $172.1600, 40.8401, -32.5893$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $217.8400, -40.8401, 32.5893$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.7870, 16.3740, -25.2462$, and $117.7960, 39.5406, -35.7781$ is the 20% darker color. If you saturate the color by 10%, you get $154.7060, 49.4449, -39.2072$, and if you desaturate by 10%, it is $189.9130, 32.0879, -25.3567$.

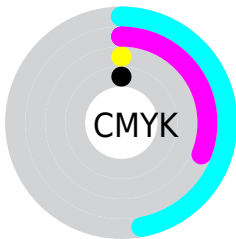
Distribution



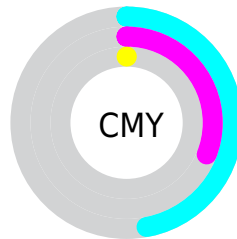
- Red (53%)
- Green (69%)
- Blue (100%)



- Red (53%)
- Yellow (65%)
- Blue (100%)



- Cyan (47%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.1600, 40.8401, -32.5893 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 172.1600, 40.8401, -32.5893 by changing the saturation by 10% instead.

■ 172.1600, 40.8401,
-32.5893

■ 172.1600, 40.8401,
-32.5893

■ 255.0000, 0.0000,
0.0000

■ 144.9210, 39.9719,
-34.1337

■ 221.7870, 16.3740,
-25.2462

■ 117.7960, 39.5406,
-35.7781

■ 245.1330, 4.8644,
-20.2876

■ 90.0620, 39.4094,
-40.3964

■ 254.1030, 0.4422,
-1.8443

■ 60.3270, 40.7578,
-52.9068

■ 44.4490, 35.7676,
-38.9818

■ 29.2720, 30.9249,
-25.6715

■ 11.8610, 27.6765,

-10.4021

■ 6.8910, 18.7877,
-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 172.1600, 40.8401,
-32.5893

■ 172.1600, 40.8401,
-32.5893

■ 154.7060, 49.4449,
-39.2072

■ 189.9130, 32.0879,
-25.3567

■ 136.9530, 58.1972,
-46.4398

■ 207.3670, 23.4831,
-18.7389

■ 119.2000, 66.9494,
-53.6724

■ 225.1200, 14.7308,
-11.5062

■ 101.7460, 75.5542,
-60.2902

■ 242.5740, 6.1260,
-4.8884

■ 84.2920, 84.1590, 255.0000, 0.0000,
-66.9081 0.0000

■ 78.9650, 86.7853,
-69.2523

Harmonies

Analogous

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



150.6420, 49.4765, -96.1560



172.1600, 40.8401, -32.5893



179.6560, 28.7636, 14.3337

Triad

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



172.1600, 40.8401, -32.5893



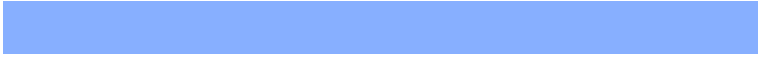
176.2670, -24.7816, 62.0328



157.4320, -5.6360, -59.1379

Complementary

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



172.1600, 40.8401, -32.5893



217.8400, -40.8401, 32.5893

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.



166.0660, -27.1475, -19.3519



172.1600, 40.8401, -32.5893



173.9430, -36.9469, 43.9000

Square

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



172.1600, 40.8401, -32.5893



178.2840, -7.0420, 65.5259



170.8270, -37.8757, 15.0607



137.0710, 25.1080, -120.2113

Rectangle

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



172.1600, 40.8401, -32.5893



180.0630, 18.2099, 39.4097



170.8270, -37.8757, 15.0607



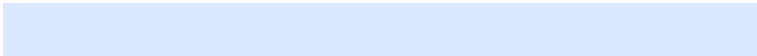
161.3430, -13.9731, -45.0278

Sweetspot

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



172.1600, 40.8401, -32.5893



230.1480, 12.2520, -9.7768



214.5600, 0.2169, -69.7741



112.6170, 7.5838, -5.8031



0.0000, 0.0000, 0.0000



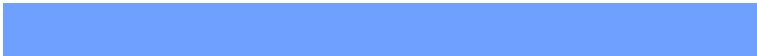
128.0000, 0.0000, 0.0000

Same Dimension

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



172.1600, 40.8401, -32.5893



156.4780, 48.5713, -39.0072



154.6600, 49.4676, 0.2982



118.8300, 4.5208, -3.3589



59.3420, 64.9074, -52.0429



19.6230, 21.8779, -17.2094

Inverse Universe

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



175.4400, -0.2169, 69.7741



160.2290, -0.1129, 83.1142



235.3400, -49.4676, -0.2982



119.3430, -0.1691, 7.5922



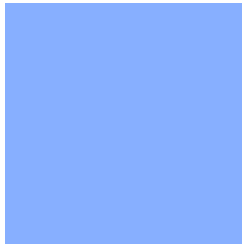
64.4050, -0.1997, 111.0238



21.5300, -0.2613, 37.2462

Previews

White Background



This preview shows how the YUV color 172.1600, 40.8401, -32.5893 looks on a white background.

Color Contrast Check

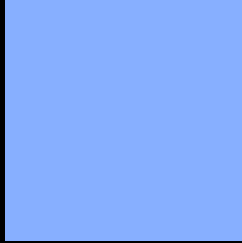
Large Text (above 18pt) WCAG AA × Fail

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 172.1600, 40.8401, -32.5893 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

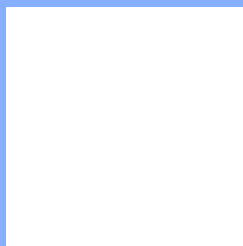
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 172.1600, 40.8401, -32.5893

Background



This preview shows how black text looks on a background with the YUV color 172.1600, 40.8401, -32.5893.



This preview shows how white text looks on a background with the YUV color 172.1600, 40.8401, -32.5893.

-32.5893.

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

172.1600, 40.8401, -32.5893

Protanopia

174.3570, 38.7710, -22.2381

Deuteranopia

172.7800, 40.5345, -27.8711



Tritanopia

167.6770, 16.4282, -42.6897

Trichromacy



Original Color

172.1600, 40.8401, -32.5893

Protanomaly

173.5630, 39.6554, -25.9268

Deuteranomaly

172.7690, 40.5399, -29.6154

Tritanomaly

169.4030, 25.4373, -38.9414

Monochromacy



Original Color

172.1600, 40.8401, -32.5893

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.1200, 14.7308, -11.5062

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.1600, 40.8401, -32.5893 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(135, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(135, 175, 255)  
}
```

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(135, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 175, 255) }
```

Border

The CSS property to change the border of an element to YUV 172.1600, 40.8401, -32.5893 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(135, 175, 255) }
```


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

```
.border{ border-color:rgb(135, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(135, 175,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 172.1600, 40.8401, -32.5893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 175, 255) }
```

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

```
.background{ background-color: rgb(135,  
175, 255) }
```

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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