

Converting Colors

YUV(52.0730, 100.0430,
-28.1280)

Have a look what the booklet for
YUV(52.0730, 100.0430, -28.1280)
contains.

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Color

**YUV(52.0730, 100.0430,
-28.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	141DFF
RGB	20, 29, 255
RGB Percent	8%, 11%, 100%
CMY	0.9216, 0.8863, 0.0000
CMYK	0.92, 0.89, 0.00, 0.00
HSL	238°, 100%, 54%
HSV	238°, 92%, 100%
XYZ	18.7779, 8.2475, 95.2100
YIQ	52.0730, -77.9100, 68.3780

Conversions

Conversions Part 2

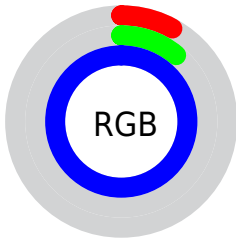
Format	Color
R_{YB}	20, 29, 255
Decimal	1318399
CIE _{Lab}	34.49, 73.57, -104.19
CIE _{LCh}	34, 127.548, 305.224
Yxy	8.2475, 0.1536, 0.0675
Android (android.graphics.Color)	4279508479 (0xFF141DFF)
YUV	52.0730, 100.0430, -28.1280
Hunter-Lab	28.7184, 66.4572, -176.4611

Details

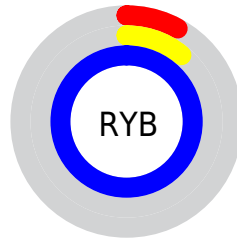
The YUV color **52.0730, 100.0430, -28.1280** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **222.9270, -100.0430, 28.1280**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.7420, 68.6542, 6.3653**, and **22.3440, 85.6124, -19.5957** is the 20% darker color. If you saturate the color by 10%, you get **34.9400, 108.4896, -30.6424**, and if you desaturate by 10%, it is **74.5220, 88.9757, -25.0138**.

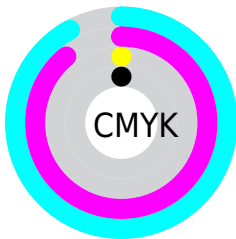
Distribution



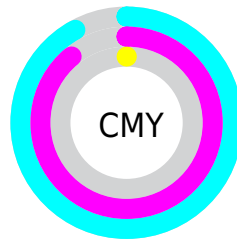
- Red (8%)
- Green (11%)
- Blue (100%)



- Red (8%)
- Yellow (11%)
- Blue (100%)



- Cyan (92%)
- Magenta (89%)
- Yellow (0%)
- Black (0%)



- Cyan (92%)
- Magenta (89%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.0730, 100.0430, -28.1280 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 52.0730, 100.0430, -28.1280 by changing the saturation by 10% instead.

■ 52.0730, 100.0430,
-28.1280

■ 52.0730, 100.0430,
-28.1280

255.0000, 0.0000,
0.0000

■ 25.6500, 98.2796,
-22.4951

■ 115.7420, 68.6542,
6.3653

■ 22.3440, 85.6124,
-19.5957

■ 141.7680, 55.8234,
15.1125

■ 19.1520, 73.3821,
-16.7963

■ 167.4840, 43.1454,
21.5005

■ 15.9600, 61.1517,
-13.9969

■ 194.0860, 30.0306,
27.9886

■ 21.8010, 45.4541,
-19.1195

■ 219.1930, 17.6529,
31.4027

■ 17.0760, 34.9655,
-14.9757

■ 236.2160, 9.2605,

■ 11.4050, 25.9293,

16.4736

-10.0022

253.2390, 0.8682,
1.5444

6.4350, 17.0405,
-5.6435

2.6390, 7.5730,
-2.3144

52.0730, 100.0430,
-28.1280

52.0730, 100.0430,
-28.1280

34.9400, 108.4896,
-30.6424

74.5220, 88.9757,
-25.0138

96.0850, 78.3451,
-21.9995

118.5340, 67.2777,
-18.8853

140.0970, 56.6472,
-15.8711

■ 162.2470, 45.7272,
-13.3716

■ 184.1090, 34.9493,
-9.7426

■ 206.5580, 23.8819,
-6.6284

■ 228.1210, 13.2513,
-3.6141

■ 250.5700, 2.1840,
-0.4999

Harmonies

Analogous

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



86.5960, 83.0232, -75.9447



52.0730, 100.0430, -28.1280



79.9630, 43.8952, 107.9034

Triad

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



52.0730, 100.0430, -28.1280



61.6510, -30.3939, 88.8831



75.7420, 10.9732, -66.4257

Complementary

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



52.0730, 100.0430, -28.1280



222.9270, -100.0430, 28.1280

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.



62.8090, -30.9648, -55.0835



52.0730, 100.0430, -28.1280



75.0110, -36.9804, 7.8834

Square

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



52.0730, 100.0430, -28.1280



64.8830, -31.9873, 133.4066



59.8740, -29.5179, -52.5095



89.7180, 54.3690, -78.6827

Rectangle

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



52.0730, 100.0430, -28.1280



81.7080, 10.4970, 133.5601



59.8740, -29.5179, -52.5095



71.0510, -4.4621, -62.3117

Sweetspot

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



52.0730, 100.0430, -28.1280



193.2680, 30.4339, -8.1280



183.3670, 29.3991, -143.2729



90.1900, 18.6403, -5.4286



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.



52.0730, 100.0430, -28.1280



34.9400, 108.4896, -30.6424



78.4840, 87.0224, 41.6715



116.4820, 5.6784, -1.2997



25.8830, 81.4027, -22.6994



8.4700, 27.3763, -7.4282

Inverse Universe

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



91.2910, -30.7095, 143.5728



77.3850, -33.2208, 155.7684



196.5160, -87.0224, -41.6715



118.8870, -1.9163, 7.9921



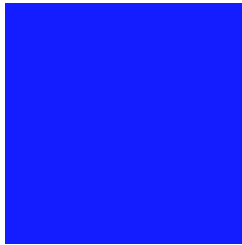
57.9070, -25.0972, 116.7226



19.3640, -8.5605, 39.1458

Previews

White Background



This preview shows how the YUV color 52.0730, 100.0430, -28.1280 looks on a white background.

Color Contrast Check

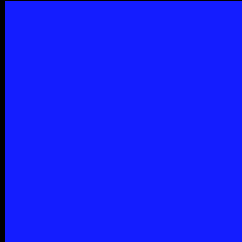
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 52.0730, 100.0430, -28.1280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

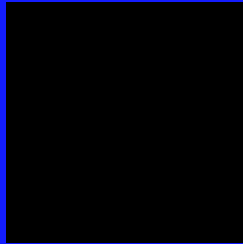
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.0730, 100.0430, -28.1280

Background



This preview shows how black text looks on a background with the YUV color 52.0730, 100.0430, -28.1280.



This preview shows how white text looks on a background with the YUV color 52.0730, 100.0430,

-28.1280.

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

52.0730, 100.0430, -28.1280

Protanopia

64.3680, 48.6256, -56.4507

Deuteranopia

64.4530, 36.2587, -56.5253

Trichromacy



Original Color

52.0730, 100.0430, -28.1280

Protanomaly

59.6570, 67.2171, -46.1802

Deuteranomaly

59.7080, 59.7970, -46.2249

Monochromacy



Original Color

52.0730, 100.0430, -28.1280

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.1520, 36.4071, -10.6573

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.0730, 100.0430, -28.1280 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(20, 29, 255)` looks like.

```
.text, #text, p{  
    color:rgb(20, 29, 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(20, 29, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 29, 255) }
```

Border

The CSS property to change the border of an element to YUV 52.0730, 100.0430, -28.1280 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(20, 29, 255) }
```

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

```
.border{ border-color:rgb(20, 29, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 29, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 29, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 29, 255);  
box-shadow:4px 4px 4px 4px rgb(20, 29,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 52.0730, 100.0430, -28.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 29, 255) }
```

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

```
.background{ background-color: rgb(20, 29,  
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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