

Converting Colors

YUV(191.6310, 22.8599,
-52.2964)

Have a look what the booklet for
YUV(191.6310, 22.8599, -52.2964)
contains.

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Color

**YUV(191.6310, 22.8599,
-52.2964)**

Conversions

Conversions Part 1

Format	Color
Hex	84D5EE
RGB	132, 213, 238
RGB Percent	52%, 84%, 93%
CMY	0.4824, 0.1647, 0.0667
CMYK	0.45, 0.11, 0.00, 0.07
HSL	194°, 76%, 73%
HSV	194°, 45%, 93%
XYZ	48.7426, 58.6671, 89.6438
YIQ	191.6310, -56.3010, -9.3970

Conversions

Conversions Part 2

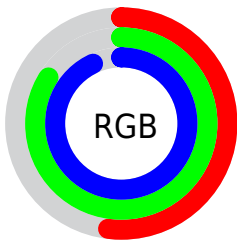
Format	Color
RYB	132, 178, 238
Decimal	8705518
CIELab	81.11, -18.36, -20.02
CIELCh	81, 27.162, 227.486
Yxy	58.6671, 0.2474, 0.2977
Android (android.graphics.Color)	4286895598 (0xFF84D5EE)
YUV	191.6310, 22.8599, -52.2964
Hunter-Lab	76.5944, -20.4478, -15.7751

Details

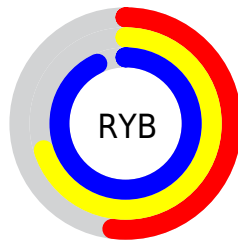
The YUV color **191.6310, 22.8599, -52.2964** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **178.3690, -22.8599, 52.2964**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5650, 9.5815, -39.9605**, and **135.6200, 22.8653, -54.0407** is the 20% darker color. If you saturate the color by 10%, you get **180.9330, 28.1340, -63.9622**, and if you desaturate by 10%, it is **202.3290, 17.5858, -40.6305**.

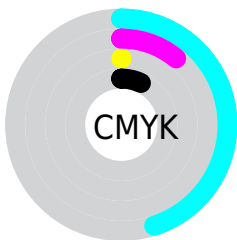
Distribution



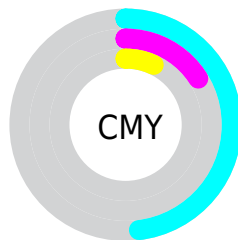
- Red (52%)
- Green (84%)
- Blue (93%)



- Red (52%)
- Yellow (70%)
- Blue (93%)



- Cyan (45%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (48%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.6310, 22.8599, -52.2964 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 191.6310, 22.8599, -52.2964 by changing the saturation by 10% instead.

191.6310, 22.8599,
-52.2964

191.6310, 22.8599,
-52.2964

255.0000, 0.0000,
0.0000

163.3320, 23.0073,
-52.9112

235.5650, 9.5815,
-39.9605

135.6200, 22.8653,
-54.0407

244.2360, 5.3067,
-22.1320

107.4130, 23.4604,
-58.2442

253.2060, 0.8844,
-3.6887

77.5150, 25.3821,
-67.9807

59.9900, 21.6969,
-52.6112

43.7530, 17.8698,
-38.3714

28.2170, 14.1900,

-24.7463

■ 9.8600, 12.3940,
-8.6472

■ 1.2540, 4.8048,
-1.0998

■ 191.6310, 22.8599,
-52.2964

■ 191.6310, 22.8599,
-52.2964

■ 180.9330, 28.1340,
-63.9622

■ 202.3290, 17.5858,
-40.6305

■ 170.8220, 33.1188,
-76.1429

■ 212.4400, 12.6011,
-28.4499

■ 160.4230, 38.2455,
-87.1940

■ 222.8390, 7.4744,
-17.3988

■ 150.3120, 43.2302,
-99.3746

■ 232.9500, 2.4897,
-5.2181

■ 139.6140, 48.5043,
-111.0405

■ 243.6480, -2.7845,
6.4477

■ 133.9660, 51.2888,
-117.4882

■ 248.3660, -5.1104,
5.8180

■ 251.3010, -6.5574,
3.2440

■ 253.0620, -7.4256,
1.6996

Harmonies

Analogous

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



190.2860, 12.6770, -52.8708



191.6310, 22.8599, -52.2964



196.9520, 26.1527, -35.0379

Triad

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



191.6310, 22.8599, -52.2964



205.8440, 3.5279, 35.2168



199.0720, -22.7135, 5.1989

Complementary

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



191.6310, 22.8599, -52.2964



178.3690, -22.8599, 52.2964

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.



201.1500, -24.2310, 25.3014



191.6310, 22.8599, -52.2964



204.6850, -8.7187, 43.2493

Square

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



191.6310, 22.8599, -52.2964



205.4100, 15.0809, 16.3034



203.3180, -18.8908, 39.1861



195.4050, -14.4967, -17.0182

Rectangle

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



191.6310, 22.8599, -52.2964



200.7090, 24.7935, -19.0388



203.3180, -18.8908, 39.1861



199.7740, -24.0456, 12.4762

Sweetspot

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



191.6310, 22.8599, -52.2964



240.4370, 7.1796, -16.1692



197.0720, -19.7555, -57.0681



118.7860, 4.5425, -10.3363



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.



191.6310, 22.8599, -52.2964



195.8510, 29.1605, -66.5213



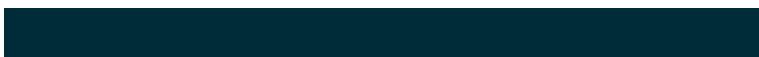
160.5200, 38.1976, -25.0120



114.6510, 2.6371, -5.8329



103.1560, 39.8561, -90.4678



31.6250, 12.0169, -27.7351

Inverse Universe

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



172.9280, 19.7555, 57.0681



172.1070, 25.0902, 72.6972



209.4800, -38.1976, 25.0120



112.6140, 2.1623, 6.4775



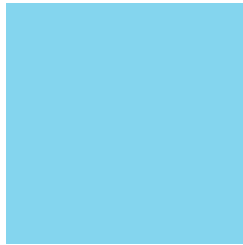
70.9760, 34.0288, 99.1220



21.6460, 10.5275, 30.1285

Previews

White Background



This preview shows how the YUV color 191.6310, 22.8599, -52.2964 looks on a white background.

Color Contrast Check

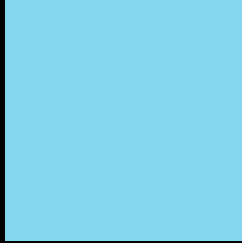
Large Text (above 18pt) WCAG AA × Fail

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 191.6310, 22.8599, -52.2964 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 191.6310, 22.8599, -52.2964 Background



This preview shows how black text looks on a background with the YUV color 191.6310, 22.8599, -52.2964.



This preview shows how white text looks on a background with the YUV color 191.6310, 22.8599, -52.2964.

-52.2964.

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

191.6310, 22.8599, -52.2964

Protanopia

201.5230, 13.5462, -4.8437

Deuteranopia

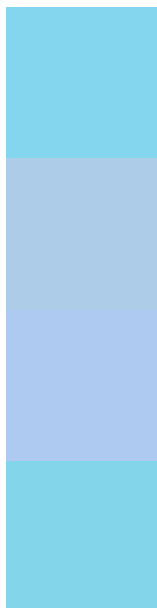
202.4400, 19.5031, -2.1399



Tritanopia

190.8220, 19.8078, -53.3409

Trichromacy



Original Color

191.6310, 22.8599, -52.2964

Protanomaly

197.9230, 16.8000, -21.8575

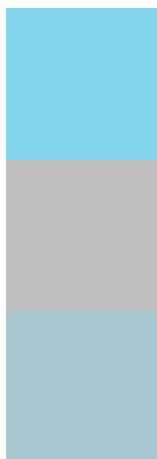
Deuteranomaly

198.3730, 21.0151, -20.4981

Tritanomaly

191.4630, 20.9707, -53.0261

Monochromacy



Original Color

191.6310, 22.8599, -52.2964

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.0560, 8.3534, -19.3431

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.6310, 22.8599, -52.2964 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(132, 213, 238)` looks like.

```
.text, #text, p{  
    color:rgb(132, 213, 238)  
}
```

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(132, 213, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 213, 238) }
```

Border

The CSS property to change the border of an element to YUV 191.6310, 22.8599, -52.2964 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(132, 213, 238) }
```


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

```
.border{ border-color:rgb(132, 213, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 213, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 213, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 213, 238);  
box-shadow:4px 4px 4px 4px rgb(132, 213,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 191.6310, 22.8599, -52.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 213, 238) }
```

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

```
.background{ background-color: rgb(132,  
213, 238) }
```

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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