

Converting Colors

YUV(20.6500, -9.1944, 9.0770)

Have a look what the booklet for
YUV(20.6500, -9.1944, 9.0770)
contains.

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Color

**YUV(20.6500, -9.1944,
9.0770)**

Conversions

Conversions Part 1

Format	Color
Hex	1F1302
RGB	31, 19, 2
RGB Percent	12%, 7%, 1%
CMY	0.8784, 0.9255, 0.9922
CMYK	0.00, 0.39, 0.94, 0.88
HSL	35°, 88%, 6%
HSV	35°, 94%, 12%
XYZ	0.8089, 0.7614, 0.1618
YIQ	20.6500, 12.6090, -2.7430

Conversions

Conversions Part 2

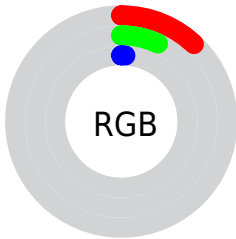
Format	Color
RYB	22, 31, 2
Decimal	2036482
CIELab	6.88, 3.49, 9.54
CIELCh	7, 10.163, 69.918
Yxy	0.7614, 0.4670, 0.4396
Android (android.graphics.Color)	4280226562 (0xFF1F1302)
YUV	20.6500, -9.1944, 9.0770
Hunter-Lab	8.7260, 1.2765, 5.0090

Details

The YUV color **20.6500, -9.1944, 9.0770** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **12.3500, 9.1944, -9.0770**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.5190, -7.1579, 9.1918**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.8350, -9.7787, 9.7917**, and if you desaturate by 10%, it is **21.5790, -8.1734, 8.2622**.

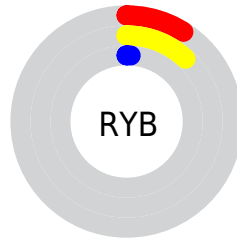
Distribution



Red (12%)

Green (7%)

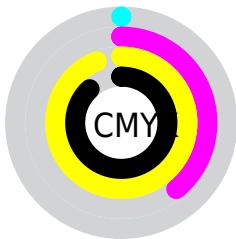
Blue (1%)



Red (9%)

Yellow (12%)

Blue (1%)

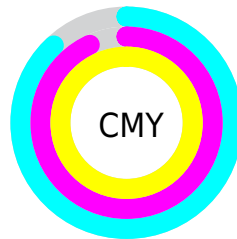


Cyan (0%)

Magenta (39%)

Yellow (94%)

Black (88%)



Cyan (88%)

Magenta (93%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.6500, -9.1944, 9.0770 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 20.6500, -9.1944, 9.0770 by changing the saturation by 10% instead.

■ 20.6500, -9.1944,
9.0770

■ 20.6500, -9.1944,
9.0770

■ 244.8780, -8.3209,
8.8770

■ 0.0000, 0.0000,
0.0000

■ 63.5190, -7.1579,
9.1918

■ 86.8180, -7.3053,
9.8066

■ 111.5900, -8.1789,
10.0066

■ 136.8890, -8.3263,
10.6213

■ 163.1880, -8.4737,
11.2361

■ 190.3730, -9.0579,

11.9509

■ 218.3730, -9.0579,
11.9509

■ 20.6500, -9.1944,
9.0770

■ 20.6500, -9.1944,
9.0770

■ 19.8350, -9.7787,
9.7917

■ 21.5790, -8.1734,
8.2622

■ 23.0950, -7.4418,
6.9327

■ 24.0240, -6.4208,
6.1180

■ 24.9530, -5.3998,
5.3032

■ 25.8820, -4.3788,
4.4885

■ 27.5120, -3.2104,
3.0590

■ 28.4410, -2.1894,
2.2442

■ 29.3700, -1.1684,
1.4295

■ 30.8860, -0.4368,
0.1000

Harmonies

Analogous

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



21.2850, -5.5635, 11.1511



20.6500, -9.1944, 9.0770



19.9160, -9.3256, 4.4587

Triad

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



20.6500, -9.1944, 9.0770



17.8840, 2.5222, -15.6843



22.2760, 4.7939, 2.3889

Complementary

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



20.6500, -9.1944, 9.0770



12.3500, 9.1944, -9.0770

Split Complementary

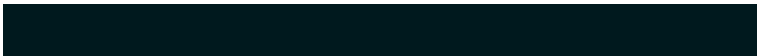
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



20.6880, 6.5628, -4.9884



20.6500, -9.1944, 9.0770



18.0950, 5.8692, -15.8693

Square

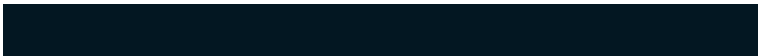
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



20.6500, -9.1944, 9.0770



17.5810, -1.2724, -11.9105



18.2740, 7.7529, -13.3953



22.5110, 1.7201, 8.3219

Rectangle

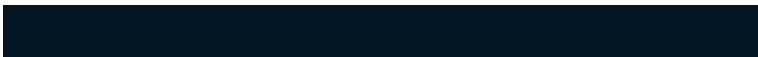
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



20.6500, -9.1944, 9.0770



19.5240, -8.1463, -0.4595



18.2740, 7.7529, -13.3953



21.4930, 5.6730, 0.4446

Sweetspot

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



20.6500, -9.1944, 9.0770



36.6970, -3.7946, 3.7737



12.0390, 0.9668, 16.6288



18.0280, -2.4788, 1.7294



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



20.6500, -9.1944, 9.0770



26.3470, -12.9891, 12.8507



27.0960, -12.3723, 1.6698



14.8860, -0.4368, 0.1000



50.6230, -24.9571, 24.8866



132.9200, -65.5296, 64.9682

Inverse Universe

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



12.3500, 9.1944, -9.0770



14.6530, 12.9891, -12.8507



5.9040, 12.3723, -1.6698



14.1140, 0.4368, -0.1000



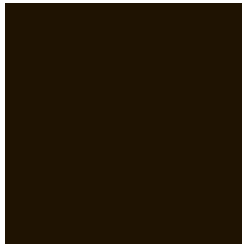
28.3770, 24.9571, -24.8866



73.4930, 65.8190, -64.4534

Previews

White Background



This preview shows how the YUV color 20.6500, -9.1944, 9.0770 looks on a white background.

Color Contrast Check

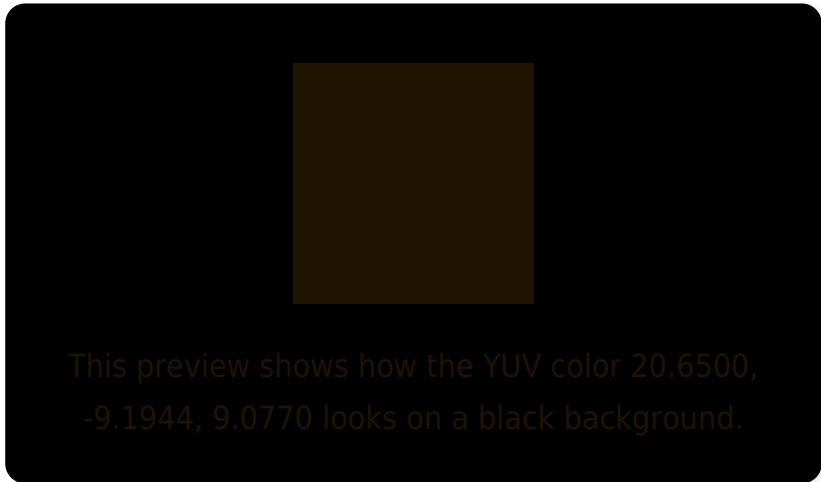
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

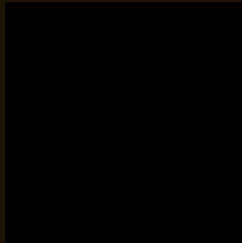
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.6500, -9.1944, 9.0770

Background



This preview shows how black text looks on a background with the YUV color 20.6500, -9.1944, 9.0770.

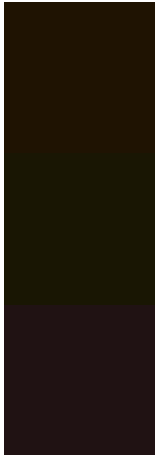


This preview shows how white text looks on a background with the YUV color 20.6500, -9.1944,

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

20.6500, -9.1944, 9.0770

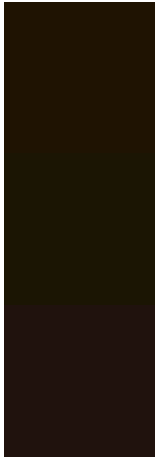
Protanopia

20.7310, -8.7414, 3.7439

Tritanopia

22.3000, -1.6269, 8.5069

Trichromacy



Original Color

20.6500, -9.1944, 9.0770

Protanomaly

20.7420, -8.7468, 5.4883

Tritanomaly

21.6160, -4.2477, 9.1068

Monochromacy



Original Color

20.6500, -9.1944, 9.0770

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.8110, -3.3578, 3.6738

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.6500, -9.1944, 9.0770 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(31, 19, 2)` looks like.

```
.text, #text, p{  
    color:rgb(31, 19, 2)  
}
```

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(31, 19, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 19, 2) }
```

Border

The CSS property to change the border of an element to YUV 20.6500, -9.1944, 9.0770 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(31, 19, 2) }
```

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

```
.border{ border-color:rgb(31, 19, 2) }
```

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

Here you see how a box with a 4 pixel rgb(31, 19, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 19, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(31, 19, 2); box-shadow:4px  
4px 4px 4px rgb(31, 19, 2) }
```


Background

The CSS property to change the background color of an element to YUV 20.6500, -9.1944, 9.0770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 19, 2) }
```

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

```
.background{ background-color: rgb(31, 19,  
2) }
```

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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