

Converting Colors

YUV(200.6810, 26.7793,
-96.1902)

Have a look what the booklet for
YUV(200.6810, 26.7793, -96.1902)
contains.

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Color

**YUV(200.6810, 26.7793,
-96.1902)**

Conversions

Conversions Part 1

Format	Color
Hex	5BF6FF
RGB	91, 246, 255
RGB Percent	36%, 96%, 100%
CMY	0.6431, 0.0353, 0.0000
CMYK	0.64, 0.04, 0.00, 0.00
HSL	183°, 100%, 68%
HSV	183°, 64%, 100%
XYZ	55.3202, 75.3557, 106.2372
YIQ	200.6810, -95.2690, -30.0610

Conversions

Conversions Part 2

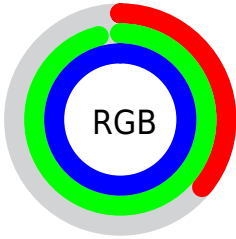
Format	Color
R_{YB}	91, 171, 255
Decimal	6027007
CIE _{Lab}	89.56, -37.53, -16.37
CIE _{LCh}	90, 40.947, 203.561
Yxy	75.3557, 0.2335, 0.3181
Android (android.graphics.Color)	4284217087 (0xFF5BF6FF)
YUV	200.6810, 26.7793, -96.1902
Hunter-Lab	86.8076, -38.1602, -11.7951

Details

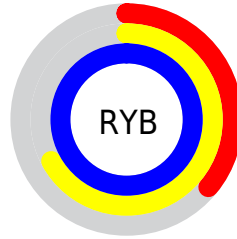
The YUV color **200.6810, 26.7793, -96.1902** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **145.3190, -26.7793, 96.1902**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9970, 14.2985, -59.6334**, and **133.5150, 31.7911, -117.0927** is the 20% darker color. If you saturate the color by 10%, you get **192.6190, 30.7538, -111.0449**, and if you desaturate by 10%, it is **209.0420, 22.6573, -80.7208**.

Distribution



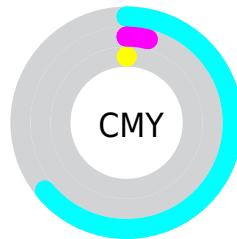
- Red (36%)
- Green (96%)
- Blue (100%)



- Red (36%)
- Yellow (67%)
- Blue (100%)



- Cyan (64%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.6810, 26.7793, -96.1902 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 200.6810, 26.7793, -96.1902 by changing the saturation by 10% instead.

200.6810, 26.7793,
-96.1902

200.6810, 26.7793,
-96.1902

255.0000, 0.0000,
0.0000

167.7940, 28.6956,
-104.1823

225.9970, 14.2985,
-59.6334

133.5150, 31.7911,
-117.0927

235.5650, 9.5815,
-39.9605

114.5880, 27.8111,
-100.4937

244.8340, 5.0118,
-20.9024

95.7750, 24.2679,
-83.9947

254.4020, 0.2948,
-1.2296

77.5490, 20.4353,
-68.0105

60.0240, 16.7502,
-52.6410

43.3140, 13.6492,

-37.9864

■ 28.3650, 9.6801,
-24.8761

■ 3.7790, 11.9410,
-3.3142

■ 200.6810, 26.7793,
-96.1902

■ 200.6810, 26.7793,
-96.1902

■ 192.6190, 30.7538,
-111.0449

■ 209.0420, 22.6573,
-80.7208

■ 183.6710, 35.1652,
-125.9995

■ 217.6910, 18.3933,
-66.3810

■ 175.6090, 39.1398,
-140.8541

■ 226.0520, 14.2714,
-50.9116

■ 170.5370, 41.6403,
-149.5609

■ 234.7010, 10.0074,
-36.5718

■ 243.0620, 5.8854,
-21.1024

■ 251.1240, 1.9109,
-6.2477

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



207.1840, 3.8533, -69.4444



200.6810, 26.7793, -96.1902



201.3340, 26.4573, -86.2389

Triad

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



200.6810, 26.7793, -96.1902



225.6500, 14.4696, 25.7400



222.1430, -37.0455, 28.8156

Complementary

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



200.6810, 26.7793, -96.1902



145.3190, -26.7793, 96.1902

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.



216.4500, -25.8578, 33.8084



200.6810, 26.7793, -96.1902



218.0870, 8.3381, 32.3727

Square

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



200.6810, 26.7793, -96.1902



222.2180, 16.1615, -3.6992



214.2280, -8.9864, 35.7570



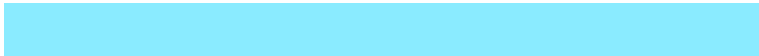
219.2920, -33.1750, 0.6209

Rectangle

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



200.6810, 26.7793, -96.1902



208.2770, 23.0344, -61.6329



214.2280, -8.9864, 35.7570



219.6640, -33.8514, 30.9897

Sweetspot

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



200.6810, 26.7793, -96.1902



238.8870, 7.9437, -27.9649



188.1800, -43.9657, -85.2269



117.8560, 5.0010, -17.4137



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.



200.6810, 26.7793, -96.1902



189.9390, 32.0751, -114.8335



153.1340, 50.2199, -54.4915



123.5260, 2.2057, -7.4773



128.0210, 31.0486, -112.2744



42.5160, 10.5916, -37.2865

Inverse Universe

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



157.7060, 43.5289, 85.3268



138.6940, 51.9159, 102.0004



192.8660, -50.2199, 54.4915



120.2550, 3.3253, 6.7924



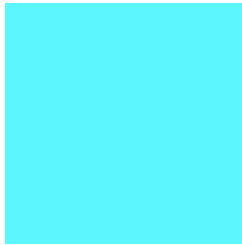
77.7430, 50.9057, 99.3264



25.9760, 16.7738, 33.3470

Previews

White Background



This preview shows how the YUV color 200.6810, 26.7793, -96.1902 looks on a white background.

Color Contrast Check

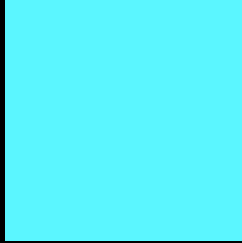
Large Text (above 18pt) WCAG AA × Fail

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 200.6810, 26.7793, -96.1902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

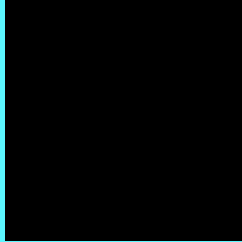
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.6810, 26.7793, -96.1902

Background



This preview shows how black text looks on a background with the YUV color 200.6810, 26.7793, -96.1902.



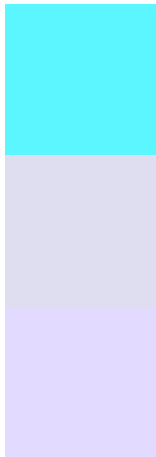
This preview shows how white text looks on a background with the YUV color 200.6810, 26.7793, -96.1902.

-96.1902.

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

200.6810, 26.7793, -96.1902

Protanopia

224.0520, 7.8624, -1.7996

Deuteranopia

225.1970, 14.6929, 0.7042



Tritanopia

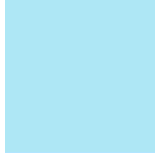
212.1090, 21.1453, -62.3626

Trichromacy



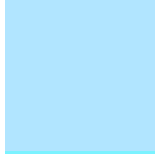
Original Color

200.6810, 26.7793, -96.1902



Protanomaly

215.5530, 14.5174, -36.4420



Deuteranomaly

216.4160, 19.0219, -34.5678



Tritanomaly

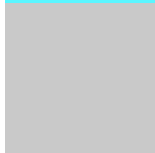
207.9010, 23.2198, -74.4582

Monochromacy



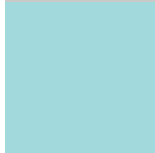
Original Color

200.6810, 26.7793, -96.1902



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

200.7120, 10.0020, -34.8274

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.6810, 26.7793, -96.1902 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(91, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(91, 246, 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(91, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 246, 255) }
```

Border

The CSS property to change the border of an element to YUV 200.6810, 26.7793, -96.1902 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(91, 246, 255) }
```


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

```
.border{ border-color:rgb(91, 246, 255) }
```

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

Here you see how a box with a 4 pixel rgb(91, 246, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(91, 246,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 200.6810, 26.7793, -96.1902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 246, 255) }
```

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

```
.background{ background-color: rgb(91, 246,  
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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