

Converting Colors

YUV(204.1790, -2.0602,
-86.1030)

Have a look what the booklet for
YUV(204.1790, -2.0602, -86.1030)
contains.

YUV(204.1790, -2.0602, -86.1030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(204.1790, -2.0602,
-86.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	6AFFC8
RGB	106, 255, 200
RGB Percent	42%, 100%, 78%
CMY	0.5843, 0.0000, 0.2157
CMYK	0.58, 0.00, 0.22, 0.00
HSL	158°, 100%, 71%
HSV	158°, 58%, 100%
XYZ	52.1292, 78.7543, 67.0972
YIQ	204.1790, -71.1490, -48.6930

Conversions

Conversions Part 2

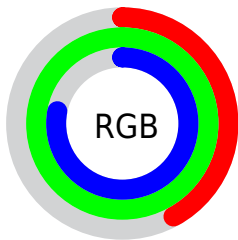
Format	Color
RYB	106, 197, 255
Decimal	7012296
CIELab	91.12, -52.46, 14.50
CIELCh	91, 54.427, 164.548
Yxy	78.7543, 0.2633, 0.3978
Android (android.graphics.Color)	4285202376 (0xFF6AFFC8)
YUV	204.1790, -2.0602, -86.1030
Hunter-Lab	88.7436, -50.4481, 17.2926

Details

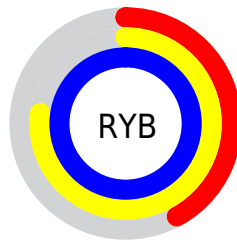
The YUV color **204.1790, -2.0602, -86.1030** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **156.8210, 2.0602, 86.1030**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9870, 12.8244, -53.4856**, and **139.7580, 3.0773, -100.6428** is the 20% darker color. If you saturate the color by 10%, you get **195.6780, -2.3063, -100.5726**, and if you desaturate by 10%, it is **212.9790, -1.9616, -71.0186**.

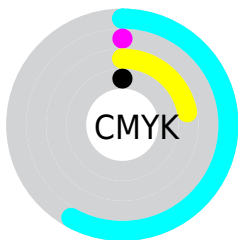
Distribution



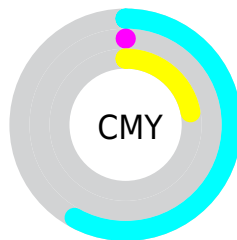
- Red (42%)
- Green (100%)
- Blue (78%)



- Red (42%)
- Yellow (77%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.1790, -2.0602, -86.1030 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 204.1790, -2.0602, -86.1030 by changing the saturation by 10% instead.

 204.1790, -2.0602,
-86.1030

 204.1790, -2.0602,
-86.1030

255.0000, 0.0000,
0.0000


 173.9120, -0.4496,
-89.3768


 228.9870, 12.8244,
-53.4856


 139.7580, 3.0773,
-100.6428


 238.2560, 8.2548,
-34.4275

 112.8830, 3.5087,
-98.9984

 247.2260, 3.8326,
-15.9842

 94.1840, 0.4023,
-82.5994

 76.3000, -2.1199,
-66.9151

 58.4160, -4.6421,
-51.2308

 41.3470, -6.5801,

-36.2613

■ 25.5830, -11.1334,
-22.4363

■ 4.6960, -2.3151,
-4.1184

■ 204.1790, -2.0602,
-86.1030

■ 204.1790, -2.0602,
-86.1030

■ 195.6780, -2.3063,
-100.5726

■ 212.9790, -1.9616,
-71.0186

■ 186.7640, -2.8417,
-115.5570

■ 221.5940, -1.2788,
-56.6489

■ 178.2630, -3.0877,
-130.0267

■ 230.3940, -1.1802,
-41.5645

■ 169.3490, -3.6231,
-145.0111

■ 239.0090, -0.4974,
-27.1949

■ 168.0390, -3.4702,
-147.3702

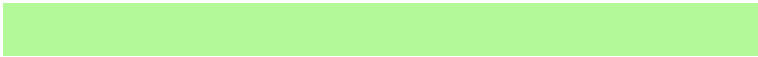
■ 247.8090, -0.3988,
-12.1105

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.



216.5390, -31.3247, -32.9217



204.1790, -2.0602, -86.1030



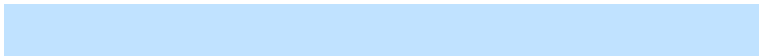
178.6410, 37.1520, -156.6682

Triad

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



204.1790, -2.0602, -86.1030



219.1400, 17.6790, -23.8018



211.1840, -25.7267, 38.4266

Complementary

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



204.1790, -2.0602, -86.1030



156.8210, 2.0602, 86.1030

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.



210.0850, -2.0139, 39.3905



204.1790, -2.0602, -86.1030



226.2370, 14.1802, 25.2252

Square

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



204.1790, -2.0602, -86.1030



196.8270, 28.6793, -98.9493



217.4320, 18.5210, 32.9471



218.3300, -44.0397, 32.1596

Rectangle

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



204.1790, -2.0602, -86.1030



178.7550, 37.5888, -156.7681



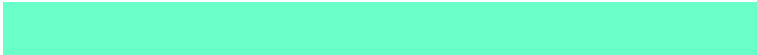
217.4320, 18.5210, 32.9471



209.8450, -18.1646, 39.6009

Sweetspot

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



204.1790, -2.0602, -86.1030



239.3080, -0.6448, -26.5801



210.5060, -51.5215, -41.6628



118.0750, -0.5300, -16.7288



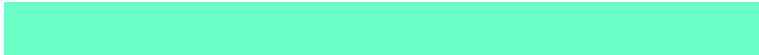
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



204.1790, -2.0602, -86.1030



194.2540, -2.5902, -102.8318



200.4700, 26.8833, -82.8502



123.5430, -0.2677, -7.4922



125.9110, -2.4211, -110.4239



42.1280, -1.0491, -36.9463

Inverse Universe

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



156.8210, 2.0602, 86.1030



137.6320, 2.1534, 102.9317



160.5300, -26.8833, 82.8502



119.3430, -0.1691, 7.5922



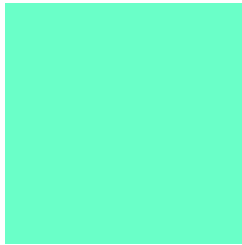
65.2030, 2.8579, 110.3240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 204.1790, -2.0602, -86.1030 looks on a white background.

Color Contrast Check

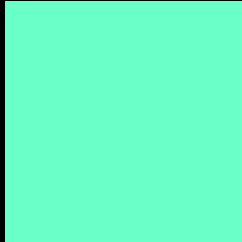
Large Text (above 18pt) WCAG AA × Fail

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 204.1790, -2.0602, -86.1030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

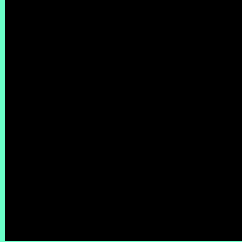
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.1790, -2.0602, -86.1030

Background



This preview shows how black text looks on a background with the YUV color 204.1790, -2.0602, -86.1030.



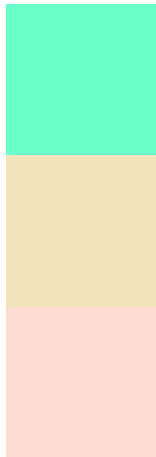
This preview shows how white text looks on a background with the YUV color 204.1790, -2.0602, -86.1030.

-86.1030.

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

204.1790, -2.0602, -86.1030

Protanopia

226.5120, -19.9724, 12.7060

Deuteranopia

229.2110, -9.9640, 22.6170



Tritanopia

220.4700, 17.0233, -46.8932

Trichromacy



Original Color

204.1790, -2.0602, -86.1030



Protanomaly

218.3010, -13.4594, -23.0660



Deuteranomaly

220.3540, -7.0765, -16.9735



Tritanomaly

214.5470, 10.0833, -60.9927

Monochromacy



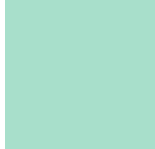
Original Color

204.1790, -2.0602, -86.1030



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

204.2750, -0.6286, -31.8132

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.1790, -2.0602, -86.1030 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(106, 255, 200)` looks like.

```
.text, #text, p{  
    color:rgb(106, 255, 200)  
}
```

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(106, 255, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 255, 200) }
```

Border

The CSS property to change the border of an element to YUV 204.1790, -2.0602, -86.1030 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(106, 255, 200) }
```


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

```
.border{ border-color:rgb(106, 255, 200) }
```

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

Here you see how a box with a 4 pixel rgb(106, 255, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 255, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 255, 200);  
box-shadow:4px 4px 4px 4px rgb(106, 255,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 204.1790, -2.0602, -86.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 255, 200) }
```

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

```
.background{ background-color: rgb(106,  
255, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor