

Converting Colors

YUV(202.4000, 2.7608,
-92.4358)

Have a look what the booklet for
YUV(202.4000, 2.7608, -92.4358)
contains.

YUV(202.4000, 2.7608, -92.4358)	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(202.4000, 2.7608,
-92.4358)**

Conversions

Conversions Part 1

Format	Color
Hex	61FFD0
RGB	97, 255, 208
RGB Percent	38%, 100%, 82%
CMY	0.6196, 0.0000, 0.1843
CMYK	0.62, 0.00, 0.18, 0.00
HSL	162°, 100%, 69%
HSV	162°, 62%, 100%
XYZ	52.0749, 78.6155, 72.1042
YIQ	202.4000, -79.0810, -48.1130

Conversions

Conversions Part 2

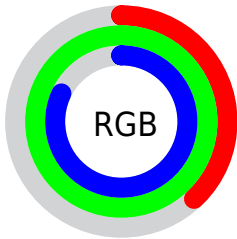
Format	Color
RYB	97, 190, 255
Decimal	6422480
CIELab	91.06, -52.33, 10.26
CIELCh	91, 53.327, 168.907
Yxy	78.6155, 0.2568, 0.3877
Android (android.graphics.Color)	4284612560 (0xFF61FFD0)
YUV	202.4000, 2.7608, -92.4358
Hunter-Lab	88.6654, -50.3278, 13.8501

Details

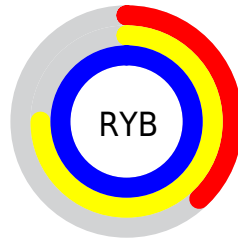
The YUV color **202.4000, 2.7608, -92.4358** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **149.6000, -2.7608, 92.4358**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8940, 13.8563, -57.7890**, and **133.1950, 10.2569, -116.8120** is the 20% darker color. If you saturate the color by 10%, you get **193.7140, 3.0990, -107.6202**, and if you desaturate by 10%, it is **210.7870, 2.5700, -77.8662**.

Distribution



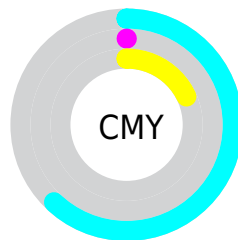
- Red (38%)
- Green (100%)
- Blue (82%)



- Red (38%)
- Yellow (75%)
- Blue (100%)



- Cyan (62%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (62%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.4000, 2.7608, -92.4358 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 202.4000, 2.7608, -92.4358 by changing the saturation by 10% instead.

202.4000, 2.7608,
-92.4358

202.4000, 2.7608,
-92.4358

255.0000, 0.0000,
0.0000

171.1220, 4.3769,
-97.4540

226.8940, 13.8563,
-57.7890

133.1950, 10.2569,
-116.8120

236.1630, 9.2866,
-38.7310

113.7950, 7.0031,
-99.7982

245.4320, 4.7170,
-19.6729

95.0960, 3.8967,
-83.3992

254.7010, 0.1474,
-0.6148

77.0980, 0.9377,
-67.6149

59.2140, -1.5845,
-51.9307

42.0310, -3.9593,

-36.8612

■ 26.7230, -6.7654,
-23.4361

■ 4.1090, -2.0257,
-3.6036

■ 202.4000, 2.7608,
-92.4358

■ 202.4000, 2.7608,
-92.4358

■ 193.7140, 3.0990,
-107.6202

■ 210.7870, 2.5700,
-77.8662

■ 185.4410, 3.7266,
-122.2898

■ 219.3590, 1.7950,
-62.5818

■ 176.7550, 4.0648,
-137.4741

■ 228.0450, 1.4568,
-47.3975

■ 170.0910, 4.3921,
-149.1698

■ 236.3180, 0.8292,
-32.7279

■ 245.0040, 0.4910,
-17.5435

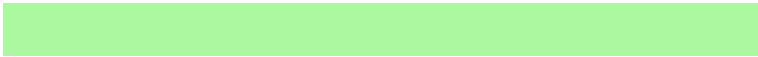
■ 253.3910, 0.3002,
-2.9739

■ 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.



214.9450, -27.0879, -38.5398



202.4000, 2.7608, -92.4358



178.7550, 37.5888, -156.7681

Triad

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



202.4000, 2.7608, -92.4358



221.5650, 16.4835, -13.6505



212.3750, -28.7789, 37.3821

Complementary

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



202.4000, 2.7608, -92.4358



149.6000, -2.7608, 92.4358

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.



210.4610, -5.6503, 39.0607



202.4000, 2.7608, -92.4358



225.0630, 14.7589, 26.2547

Square

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



202.4000, 2.7608, -92.4358



202.5410, 25.8623, -82.0355



216.3890, 17.0632, 33.8618



219.9770, -45.3447, 30.7152

Rectangle

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



202.4000, 2.7608, -92.4358



178.1680, 37.8782, -156.2533



216.3890, 17.0632, 33.8618



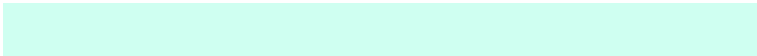
211.0360, -21.2167, 38.5564

Sweetspot

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



202.4000, 2.7608, -92.4358



239.0520, 0.9604, -28.1096



203.7990, -52.6519, -52.4437



118.0040, 0.4910, -17.5435



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.



202.4000, 2.7608, -92.4358



192.1050, 3.3992, -110.5941



188.9740, 32.5508, -80.6612



123.6570, 0.1691, -7.5922



127.3930, 3.2573, -111.7237



42.6980, 1.1349, -37.4461

Inverse Universe

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



149.6000, -2.7608, 92.4358



128.8950, -3.3992, 110.5941



163.0260, -32.5508, 80.6612



119.3430, -0.1691, 7.5922



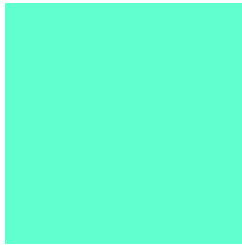
63.6070, -3.2573, 111.7237



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 202.4000, 2.7608, -92.4358 looks on a white background.

Color Contrast Check

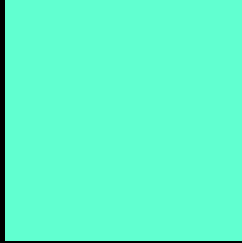
Large Text (above 18pt) WCAG AA × Fail

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 202.4000, 2.7608, -92.4358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

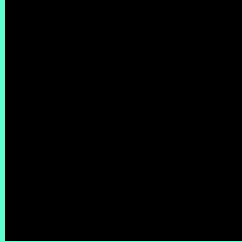
Any Text WCAG AA ✓ Pass

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 202.4000, 2.7608, -92.4358 Background



This preview shows how black text looks on a background with the YUV color 202.4000, 2.7608, -92.4358.



This preview shows how white text looks on a background with the YUV color 202.4000, 2.7608, -92.4358.

-92.4358.

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

202.4000, 2.7608, -92.4358

Protanopia

226.8260, -16.1832, 10.6766

Deuteranopia

229.7100, -6.7590, 21.3023



Tritanopia

219.5730, 17.4655, -48.7375

Trichromacy



Original Color

202.4000, 2.7608, -92.4358



Protanomaly

217.7180, -9.2280, -26.9397



Deuteranomaly

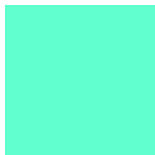
219.9560, -3.4293, -20.1324



Tritanomaly

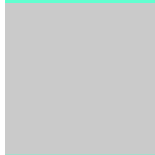
213.3940, 12.1308, -64.3665

Monochromacy



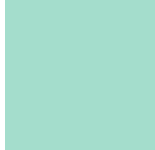
Original Color

202.4000, 2.7608, -92.4358



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

202.0190, 0.9766, -33.3427

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.4000, 2.7608, -92.4358 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(97, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(97, 255, 208)  
}
```

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(97, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 255, 208) }
```

Border

The CSS property to change the border of an element to YUV 202.4000, 2.7608, -92.4358 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(97, 255, 208) }
```


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

```
.border{ border-color:rgb(97, 255, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 255, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(97, 255,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 202.4000, 2.7608, -92.4358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 255, 208) }
```

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

```
.background{ background-color: rgb(97, 255,  
208) }
```

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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