

Converting Colors

YUV(113.7420, 4.0712,
-92.7357)

Have a look what the booklet for
YUV(113.7420, 4.0712, -92.7357)
contains.

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Color

**YUV(113.7420, 4.0712,
-92.7357)**

Conversions

Conversions Part 1

Format	Color
Hex	08A67A
RGB	8, 166, 122
RGB Percent	3%, 65%, 48%
CMY	0.9686, 0.3490, 0.5216
CMYK	0.95, 0.00, 0.27, 0.35
HSL	163°, 91%, 34%
HSV	163°, 95%, 65%
XYZ	17.2492, 28.7292, 23.0485
YIQ	113.7420, -80.0440, -47.1800

Conversions

Conversions Part 2

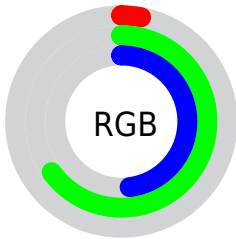
Format	Color
RYB	8, 100, 166
Decimal	566906
CIELab	60.54, -46.84, 12.77
CIELCh	61, 48.550, 164.745
Yxy	28.7292, 0.2499, 0.4162
Android (android.graphics.Color)	4278756986 (0xFF08A67A)
YUV	113.7420, 4.0712, -92.7357
Hunter-Lab	53.5996, -36.3552, 12.0243

Details

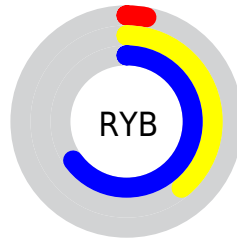
The YUV color **113.7420, 4.0712, -92.7357** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **60.2580, -4.0712, 92.7357**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.9570, -1.9508, -74.5073**, and **74.6530, -0.8149, -65.4707** is the 20% darker color. If you saturate the color by 10%, you get **111.1220, 4.3769, -97.4540**, and if you desaturate by 10%, it is **119.3950, 3.7493, -82.7844**.

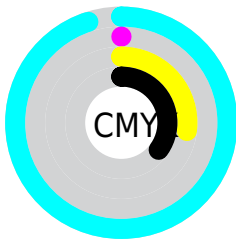
Distribution



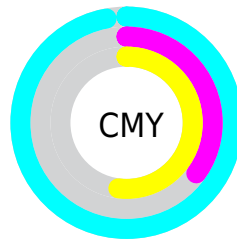
- Red (3%)
- Green (65%)
- Blue (48%)



- Red (3%)
- Yellow (39%)
- Blue (65%)



- Cyan (95%)
- Magenta (0%)
- Yellow (27%)
- Black (35%)



- Cyan (97%)
- Magenta (35%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7420, 4.0712, -92.7357 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 113.7420, 4.0712, -92.7357 by changing the saturation by 10% instead.

■ 113.7420, 4.0712,
-92.7357

■ 113.7420, 4.0712,
-92.7357

■ 255.0000, 0.0000,
0.0000

■ 92.6510, 2.1441,
-81.2549

■ 177.9570, -1.9508,
-74.5073

■ 74.6530, -0.8149,
-65.4707

■ 207.1420, -2.5350,
-73.7925

■ 56.8830, -2.9003,
-49.8864

■ 221.6520, 4.1156,
-60.2078

■ 40.2870, -5.5645,
-35.3317

■ 233.4720, 10.6133,
-44.2639

■ 24.6370, -9.6810,
-21.6066

■ 242.1430, 6.3385,
-26.4354

■ 2.3480, -1.1576,
-2.0592

■ 251.4120, 1.7689,

■ 0.0000, 0.0000,

-7.3773

0.0000

■ 113.7420, 4.0712,
-92.7357

■ 113.7420, 4.0712,
-92.7357

■ 111.1220, 4.3769,
-97.4540

■ 119.3950, 3.7493,
-82.7844

■ 124.6350, 3.1379,
-73.3479

■ 130.2880, 2.8160,
-63.3966

■ 135.5280, 2.2047,
-53.9601

■ 141.1810, 1.8828,
-44.0087

■ 146.8340, 1.5608,
-34.0574

■ 152.0740, 0.9495,
-24.6209

■ 157.7270, 0.6276,
-14.6696

■ 163.0810, 0.4531,
-5.3330

Harmonies

Analogous

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



133.8800, -25.0838, -27.9588



113.7420, 4.0712, -92.7357



116.9530, 24.1802, -102.5678

Triad

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



113.7420, 4.0712, -92.7357



143.2360, 42.2817, -28.2710



144.9420, -28.5654, 62.3179

Complementary

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



113.7420, 4.0712, -92.7357



60.2580, -4.0712, 92.7357

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.



145.9210, -9.8211, 70.2293



113.7420, 4.0712, -92.7357



150.1840, 28.0103, 22.6406

Square

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



113.7420, 4.0712, -92.7357



118.1510, 54.1556, -103.6184



149.1100, 10.2988, 56.9085



143.2970, -40.5724, 40.0815

Rectangle

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



113.7420, 4.0712, -92.7357



119.5580, 36.6999, -104.8524



149.1100, 10.2988, 56.9085



145.1690, -22.7613, 67.3808

Sweetspot

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



113.7420, 4.0712, -92.7357



196.1110, 1.4243, -36.9313



114.2010, -52.3571, -53.6733



97.0850, 0.9441, -22.8765



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



113.7420, 4.0712, -92.7357



145.1630, 5.3426, -127.3080



98.8000, 33.1296, -79.6316



81.3800, 0.3057, -4.7183



99.0740, 3.9075, -86.8879



13.4500, 0.7642, -11.7957

Inverse Universe

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



60.2580, -4.0712, 92.7357



71.7230, -5.7794, 127.4079



75.2000, -33.1296, 79.6316



78.6200, -0.3057, 4.7183



48.9260, -3.9075, 86.8879



6.6640, -0.3274, 11.6957

Previews

White Background



This preview shows how the YUV color 113.7420, 4.0712, -92.7357 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 113.7420, 4.0712, -92.7357 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 × Fail

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

YUV 113.7420, 4.0712, -92.7357

Background



This preview shows how black text looks on a background with the YUV color 113.7420, 4.0712, -92.7357.



This preview shows how white text looks on a background with the YUV color 113.7420, 4.0712,

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

113.7420, 4.0712, -92.7357

Protanopia

144.2280, -15.8884, 9.4470

Deuteranopia

146.1070, -8.9268, 16.5692



Tritanopia

129.0870, 21.1561, -65.8513

Trichromacy



Original Color

113.7420, 4.0712, -92.7357



Protanomaly

133.5330, -8.6438, -27.6544



Deuteranomaly

134.1190, -4.0027, -22.9064



Tritanomaly

123.7130, 14.9315, -76.0473

Monochromacy



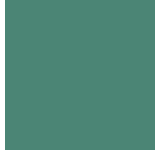
Original Color

113.7420, 4.0712, -92.7357



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

113.8340, 1.5608, -34.0574

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7420, 4.0712, -92.7357 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(8, 166, 122)` looks like.

```
.text, #text, p{  
    color:rgb(8, 166, 122)  
}
```

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(8, 166, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 166, 122) }
```

Border

The CSS property to change the border of an element to YUV 113.7420, 4.0712, -92.7357 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(8, 166, 122) }
```


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

```
.border{ border-color:rgb(8, 166, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 166, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 166, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 166, 122);  
box-shadow:4px 4px 4px 4px rgb(8, 166,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 113.7420, 4.0712, -92.7357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 166, 122) }
```

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

```
.background{ background-color: rgb(8, 166,  
122) }
```

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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