

Converting Colors

YUV(107.0950, 62.5642,
-93.9223)

Have a look what the booklet for
YUV(107.0950, 62.5642, -93.9223)
contains.

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Color

**YUV(107.0950, 62.5642,
-93.9223)**

Conversions

Conversions Part 1

Format	Color
Hex	0089EA
RGB	0, 137, 234
RGB Percent	0%, 54%, 92%
CMY	1.0000, 0.4627, 0.0824
CMYK	1.00, 0.41, 0.00, 0.08
HSL	205°, 100%, 46%
HSV	205°, 100%, 92%
XYZ	23.7969, 23.8318, 81.1877
YIQ	107.0950, -112.7890, 1.1230

Conversions

Conversions Part 2

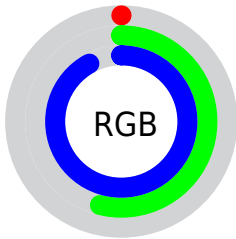
Format	Color
RYB	0, 86, 234
Decimal	35306
CIELab	55.92, 5.14, -57.36
CIElCh	56, 57.591, 275.120
Yxy	23.8318, 0.1847, 0.1850
Android (android.graphics.Color)	4278225386 (0xFF0089EA)
YUV	107.0950, 62.5642, -93.9223
Hunter-Lab	48.8179, 1.5810, -64.4311

Details

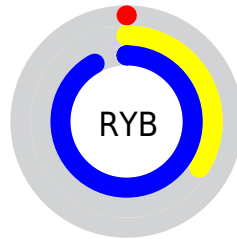
The YUV color **107.0950, 62.5642, -93.9223** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **126.9050, -62.5642, 93.9223**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.5930, 40.6267, -57.5251**, and **71.9480, 52.2836, -63.0984** is the 20% darker color. If you saturate the color by 10%, you get **107.0950, 62.5642, -93.9223**, and if you desaturate by 10%, it is **119.8420, 56.2799, -84.9304**.

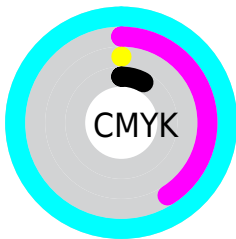
Distribution



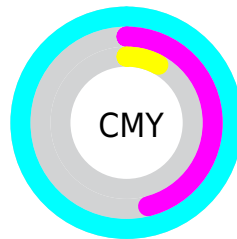
- Red (0%)
- Green (54%)
- Blue (92%)



- Red (0%)
- Yellow (34%)
- Blue (92%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (46%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.0950, 62.5642, -93.9223 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 107.0950, 62.5642, -93.9223 by changing the saturation by 10% instead.

■ 107.0950, 62.5642,
-93.9223

■ 107.0950, 62.5642,
-93.9223

■ 255.0000, 0.0000,
0.0000

■ 89.1140, 57.1318,
-78.1530

■ 172.5930, 40.6267,
-57.5251

■ 71.9480, 52.2836,
-63.0984

■ 198.3090, 27.9487,
-51.1370

■ 55.2550, 46.7093,
-48.4586

■ 224.9000, 14.8393,
-46.3933

■ 39.9640, 41.4297,
-35.0484

■ 239.4520, 7.6652,
-31.9684

■ 25.8470, 35.5714,
-22.6678

■ 248.7210, 3.0955,
-12.9103

■ 13.7190, 29.7185,
-12.0316

■ 8.0480, 20.6823,

-7.0581

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 107.0950, 62.5642,
-93.9223

■ 119.8420, 56.2799,
-84.9304

■ 132.3010, 50.1376,
-74.8090

■ 145.0480, 43.8533,
-65.8171

■ 158.0940, 37.4217,
-56.2104

■ 170.8410, 31.1374,
-47.2186

■ 183.0010, 25.1425,
-37.7119

■ 196.0470, 18.7108,
-28.1052

■ 208.7940, 12.4266,
-19.1133

■ 221.2530, 6.2843,
-8.9919

Harmonies

Analogous

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



113.5860, 54.4341, -99.6149



107.0950, 62.5642, -93.9223



136.9570, 38.9682, 7.9307

Triad

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



107.0950, 62.5642, -93.9223



130.8390, -25.5566, 77.3172



101.2450, -5.5438, -88.7919

Complementary

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



107.0950, 62.5642, -93.9223



126.9050, -62.5642, 93.9223

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.



121.0200, -37.4779, -19.3115



107.0950, 62.5642, -93.9223



129.9460, -44.8364, 54.4214

Square

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



107.0950, 62.5642, -93.9223



131.0500, -1.9966, 80.6402



125.8590, -53.1745, 22.0487



108.8200, 15.8647, -95.4351

Rectangle

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



107.0950, 62.5642, -93.9223



137.6750, 26.7822, 43.2580



125.8590, -53.1745, 22.0487



112.5990, -19.0293, -56.6533

Sweetspot

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



107.0950, 62.5642, -93.9223



213.4920, 20.4634, -30.2495



148.0740, -26.6585, -129.8609



102.5060, 12.5685, -17.9838



0.0000, 0.0000, 0.0000



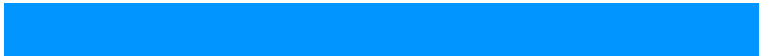
128.0000, 0.0000, 0.0000

Same Dimension

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



107.0950, 62.5642, -93.9223



116.5330, 68.2642, -102.1994



40.1770, 95.5547, -35.2352



110.7760, 3.0684, -4.1886



82.8560, 48.3850, -72.6647



24.3530, 14.6160, -21.3576

Inverse Universe

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



85.5840, 25.3481, 130.1608



93.2310, 27.4941, 141.8714



193.8230, -95.5547, 35.2352



109.9730, 0.9993, 6.1627



66.2030, 19.6199, 100.6770



19.6800, 5.5808, 30.0986

Previews

White Background



This preview shows how the YUV color 107.0950, 62.5642, -93.9223 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 107.0950, 62.5642, -93.9223 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 107.0950, 62.5642, -93.9223

Background



This preview shows how black text looks on a background with the YUV color 107.0950, 62.5642, -93.9223.



This preview shows how white text looks on a background with the YUV color 107.0950, 62.5642, -93.9223.

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

107.0950, 62.5642, -93.9223

Protanopia

129.3970, 48.1183, -33.6742

Deuteranopia

119.6750, 56.3622, -64.6130



Tritanopia

104.8880, 26.1842, -91.9868

Trichromacy



Original Color

107.0950, 62.5642, -93.9223

Protanomaly

121.6330, 53.4249, -55.8061

Deuteranomaly

115.1790, 58.5788, -75.5790

Tritanomaly

105.7320, 39.5721, -92.7270

Monochromacy



Original Color

107.0950, 62.5642, -93.9223

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0400, 22.6583, -34.2381

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0950, 62.5642, -93.9223 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(0, 137, 234)` looks like.

```
.text, #text, p{  
    color:rgb(0, 137, 234)  
}
```

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(0, 137, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 137, 234) }
```

Border

The CSS property to change the border of an element to YUV 107.0950, 62.5642, -93.9223 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(0, 137, 234) }
```


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

```
.border{ border-color:rgb(0, 137, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 137, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 137, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 137, 234);  
box-shadow:4px 4px 4px 4px rgb(0, 137,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 107.0950, 62.5642, -93.9223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 137, 234) }
```

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

```
.background{ background-color: rgb(0, 137,  
234) }
```

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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