

Converting Colors

YUV(120.5870, 52.9546,
-91.7228)

Have a look what the booklet for
YUV(120.5870, 52.9546, -91.7228)
contains.

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Color

**YUV(120.5870, 52.9546,
-91.7228)**

Conversions

Conversions Part 1

Format	Color
Hex	1099E4
RGB	16, 153, 228
RGB Percent	6%, 60%, 89%
CMY	0.9373, 0.4000, 0.1059
CMYK	0.93, 0.33, 0.00, 0.11
HSL	201°, 87%, 48%
HSV	201°, 93%, 89%
XYZ	25.6085, 28.4941, 77.5490
YIQ	120.5870, -105.7270, -5.7190

Conversions

Conversions Part 2

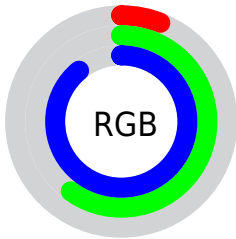
Format	Color
R _Y B	16, 99, 228
Decimal	1087972
CIE Lab	60.33, -6.08, -47.00
CIE LCh	60, 47.393, 262.627
Yxy	28.4941, 0.1945, 0.2164
Android (android.graphics.Color)	4279278052 (0xFF1099E4)
YUV	120.5870, 52.9546, -91.7228
Hunter-Lab	53.3798, -7.7809, -48.7693

Details

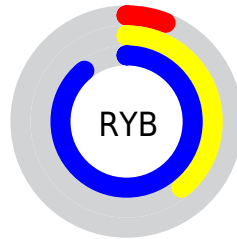
The YUV color **120.5870, 52.9546, -91.7228** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **123.4130, -52.9546, 91.7228**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.8710, 35.5596, -65.6619**, and **79.4820, 45.6114, -69.7057** is the 20% darker color. If you saturate the color by 10%, you get **112.2810, 57.0495, -98.4704**, and if you desaturate by 10%, it is **132.1600, 47.2491, -81.7013**.

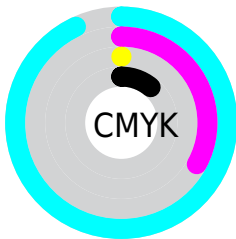
Distribution



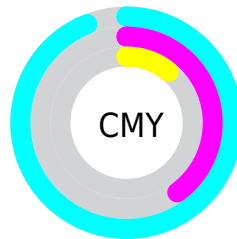
- Red (6%)
- Green (60%)
- Blue (89%)



- Red (6%)
- Yellow (39%)
- Blue (89%)



- Cyan (93%)
- Magenta (33%)
- Yellow (0%)
- Black (11%)



- Cyan (94%)
- Magenta (40%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.5870, 52.9546, -91.7228 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 120.5870, 52.9546, -91.7228 by changing the saturation by 10% instead.

■ 120.5870, 52.9546,
-91.7228

■ 120.5870, 52.9546,
-91.7228

■ 255.0000, 0.0000,
0.0000

■ 97.3490, 50.6069,
-85.3751

■ 182.8710, 35.5596,
-65.6619

■ 79.4820, 45.6114,
-69.7057

■ 209.1740, 22.5922,
-59.7886

■ 62.9030, 40.4738,
-55.1659

■ 230.1830, 12.2348,
-51.0265

■ 46.4380, 35.7731,
-40.7261

■ 239.7510, 7.5178,
-31.3536

■ 31.8480, 30.6409,
-27.9307

■ 249.0200, 2.9481,
-12.2955

■ 13.8500, 27.6820,
-12.1464

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 120.5870, 52.9546,
-91.7228

■ 120.5870, 52.9546,
-91.7228

■ 112.2810, 57.0495,
-98.4704

■ 132.1600, 47.2491,
-81.7013

■ 143.7330, 41.5436,
-71.6798

■ 155.0070, 35.9855,
-62.2731

■ 166.5800, 30.2801,
-52.2517

■ 178.1530, 24.5746,
-42.2302

■ 189.7260, 18.8691,
-32.2087

■ 201.2990, 13.1636,
-22.1872

■ 213.1600, 7.3161,
-13.2953

■ 224.7330, 1.6106,
-3.2738

Harmonies

Analogous

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



119.1480, 45.2830, -104.4928



120.5870, 52.9546, -91.7228



146.1840, 37.8703, -13.3164

Triad

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



120.5870, 52.9546, -91.7228



145.6450, -14.6150, 67.8403



131.4210, -18.9416, -38.0802

Complementary

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



120.5870, 52.9546, -91.7228



123.4130, -52.9546, 91.7228

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.



138.4830, -36.2271, -0.4236



120.5870, 52.9546, -91.7228



144.3990, -31.7487, 56.6551

Square

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



120.5870, 52.9546, -91.7228



148.0520, 4.9044, 60.4674



142.5410, -40.6927, 31.9745



112.6040, 10.0552, -98.7537

Rectangle

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



120.5870, 52.9546, -91.7228



149.2760, 28.4579, 19.0519



142.5410, -40.6927, 31.9745



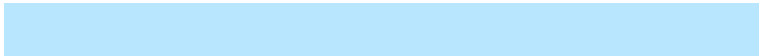
134.5600, -26.4051, -24.1701

Sweetspot

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



120.5870, 52.9546, -91.7228



219.0960, 17.7007, -30.7792



148.8800, -29.0278, -116.5358



105.4520, 11.1162, -18.8134



0.0000, 0.0000, 0.0000



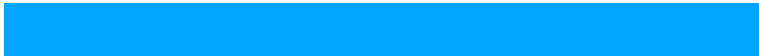
128.0000, 0.0000, 0.0000

Same Dimension

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



120.5870, 52.9546, -91.7228



125.9250, 63.6340, -110.4362



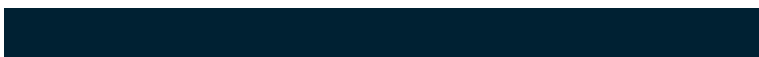
58.9520, 83.3407, -37.6689



109.0640, 2.9264, -5.3181



87.9110, 44.9069, -77.0979



25.1850, 12.7268, -22.0872

Inverse Universe

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



95.0060, 28.5910, 116.6357



95.0550, 34.4829, 140.2718



185.0480, -83.3407, 37.6689



107.5000, 1.7255, 6.5775



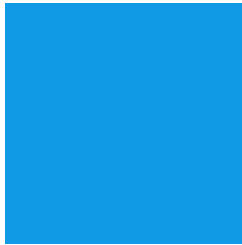
66.6310, 23.8459, 98.5476



19.0110, 6.8966, 28.0544

Previews

White Background



This preview shows how the YUV color 120.5870, 52.9546, -91.7228 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 120.5870, 52.9546, -91.7228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

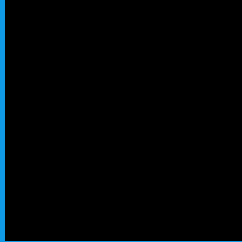
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

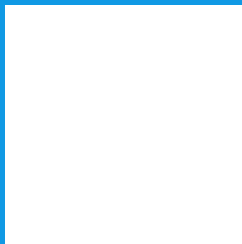
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 120.5870, 52.9546, -91.7228

Background



This preview shows how black text looks on a background with the YUV color 120.5870, 52.9546, -91.7228.

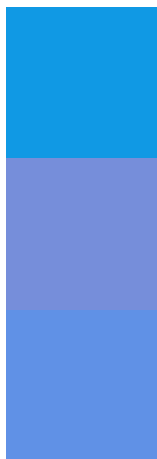


This preview shows how white text looks on a background with the YUV color 120.5870, 52.9546, -91.7228.

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

120.5870, 52.9546, -91.7228

Protanopia

143.4880, 36.7344, -22.3530

Deuteranopia

140.0390, 44.3508, -38.6222



Tritanopia

114.1150, 28.5373, -100.0789

Trichromacy



Original Color

120.5870, 52.9546, -91.7228

Protanomaly

135.2290, 42.7781, -47.5588

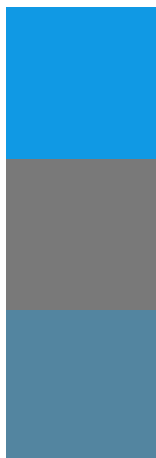
Deuteranomaly

133.0150, 47.3206, -57.8952

Tritanomaly

116.4280, 37.2570, -96.8454

Monochromacy



Original Color

120.5870, 52.9546, -91.7228

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1280, 19.1639, -33.4383

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.5870, 52.9546, -91.7228 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(16, 153, 228)` looks like.

```
.text, #text, p{  
    color:rgb(16, 153, 228)  
}
```

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(16, 153, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 153, 228) }
```

Border

The CSS property to change the border of an element to YUV 120.5870, 52.9546, -91.7228 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(16, 153, 228) }
```


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

```
.border{ border-color:rgb(16, 153, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 153, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 153, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 153, 228);  
box-shadow:4px 4px 4px 4px rgb(16, 153,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 120.5870, 52.9546, -91.7228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 153, 228) }
```

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

```
.background{ background-color: rgb(16, 153,  
228) }
```

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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