

Converting Colors

YUV(108.1840, 61.0413,
-72.0754)

Have a look what the booklet for
YUV(108.1840, 61.0413, -72.0754)
contains.

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Color

**YUV(108.1840, 61.0413,
-72.0754)**

Conversions

Conversions Part 1

Format	Color
Hex	1A7EE8
RGB	26, 126, 232
RGB Percent	10%, 49%, 91%
CMY	0.8980, 0.5059, 0.0902
CMYK	0.89, 0.46, 0.00, 0.09
HSL	211°, 82%, 51%
HSV	211°, 89%, 91%
XYZ	22.4523, 20.9675, 79.2077
YIQ	108.1840, -93.6260, 11.7660

Conversions

Conversions Part 2

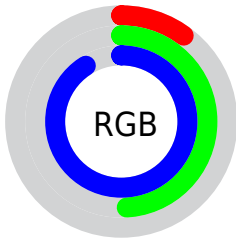
Format	Color
R_{YB}	26, 93, 232
Decimal	1736424
CIE Lab	52.91, 12.04, -61.06
CIE LCh	53, 62.232, 281.157
Yxy	20.9675, 0.1831, 0.1710
Android (android.graphics.Color)	4279926504 (0xFF1A7EE8)
YUV	108.1840, 61.0413, -72.0754
Hunter-Lab	45.7903, 7.3908, -70.5062

Details

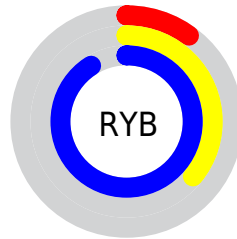
The YUV color **108.1840, 61.0413, -72.0754** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **149.8160, -61.0413, 72.0754**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0440, 43.3623, -48.2736**, and **65.8500, 54.3040, -57.7504** is the 20% darker color. If you saturate the color by 10%, you get **94.2630, 67.9043, -80.0377**, and if you desaturate by 10%, it is **122.1050, 54.1782, -64.1131**.

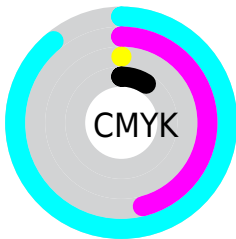
Distribution



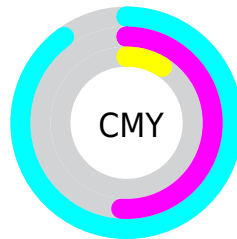
- Red (10%)
- Green (49%)
- Blue (91%)



- Red (10%)
- Yellow (36%)
- Blue (91%)



- Cyan (89%)
- Magenta (46%)
- Yellow (0%)
- Black (9%)



- Cyan (90%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.1840, 61.0413, -72.0754 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 108.1840, 61.0413, -72.0754 by changing the saturation by 10% instead.

■ 108.1840, 61.0413,
-72.0754

■ 108.1840, 61.0413,
-72.0754

255.0000, 0.0000,
0.0000

■ 82.4290, 59.4415,
-72.2902

■ 167.0440, 43.3623,
-48.2736

■ 65.8500, 54.3040,
-57.7504

■ 192.4610, 30.8317,
-42.5003

■ 49.7440, 48.4402,
-43.6255

■ 218.4650, 18.0118,
-37.2418

■ 35.0400, 42.8713,
-30.7301

■ 240.6480, 7.0755,
-29.5093

■ 19.7490, 37.5917,
-17.3199

■ 249.9170, 2.5059,
-10.4512

■ 12.9040, 29.1343,
-11.3168

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 108.1840, 61.0413,
-72.0754

■ 108.1840, 61.0413,
-72.0754

■ 94.2630, 67.9043,
-80.0377

■ 122.1050, 54.1782,
-64.1131

■ 92.7790, 68.6360,
-81.3672

■ 136.0260, 47.3152,
-56.1508

■ 150.2460, 40.3047,
-47.5737

■ 164.1670, 33.4417,
-39.6115

■ 178.0880, 26.5786,
-31.6492

■ 192.0090, 19.7156,
-23.6869

■ 205.9300, 12.8525,
-15.7246

■ 220.1500, 5.8420,
-7.1476

■ 233.4840, -0.7316,
1.3295

Harmonies

Analogous

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



109.3460, 58.4964, -95.8964



108.1840, 61.0413, -72.0754



129.9200, 38.4934, 20.2412

Triad

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



108.1840, 61.0413, -72.0754



120.4710, -30.7982, 78.5169



97.7230, -3.8074, -85.7031

Complementary

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



108.1840, 61.0413, -72.0754



149.8160, -61.0413, 72.0754

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.



109.2850, -36.1295, -31.8219



108.1840, 61.0413, -72.0754



119.3620, -55.8875, 52.3025

Square

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



108.1840, 61.0413, -72.0754



119.5950, -5.2233, 88.9322



116.0770, -57.2260, 14.8415



105.1670, 19.6377, -92.2315

Rectangle

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



108.1840, 61.0413, -72.0754



127.7090, 25.2865, 56.3832



116.0770, -57.2260, 14.8415



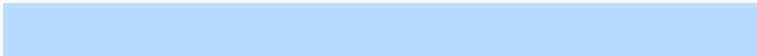
94.4970, -11.0910, -82.8739

Sweetspot

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



108.1840, 61.0413, -72.0754



213.8240, 20.2998, -24.4016



158.6640, -14.6244, -116.3463



103.4140, 12.1209, -14.3951



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.



108.1840, 61.0413, -72.0754



101.8580, 75.4990, -89.3295



49.4840, 89.9804, -20.5955



107.8900, 3.5052, -4.2885



71.4750, 53.0098, -62.6836



20.4890, 15.0419, -17.9689

Inverse Universe

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



98.9940, 13.3140, 116.6463



90.3810, 16.5742, 144.3709



208.5160, -89.9804, 20.5955



107.2720, 0.8519, 6.7775



63.4390, 11.6156, 101.3470



18.0990, 3.4022, 28.8542

Previews

White Background



This preview shows how the YUV color 108.1840, 61.0413, -72.0754 looks on a white background.

Color Contrast Check

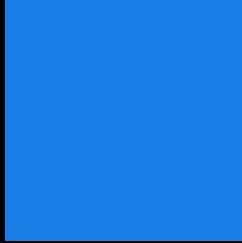
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.1840, 61.0413, -72.0754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

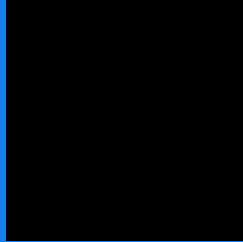
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

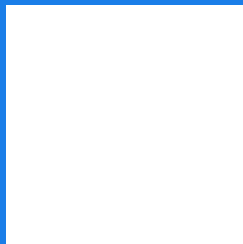
Any Text WCAG AAA × Fail

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

YUV 108.1840, 61.0413, -72.0754 Background



This preview shows how black text looks on a background with the YUV color 108.1840, 61.0413, -72.0754.



This preview shows how white text looks on a background with the YUV color 108.1840, 61.0413, -72.0754.

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

108.1840, 61.0413, -72.0754

Protanopia

119.4330, 53.5235, -40.7217

Deuteranopia

100.9000, 61.6743, -88.4893



Tritanopia

98.5790, 24.8576, -86.4538

Trichromacy



Original Color

108.1840, 61.0413, -72.0754

Protanomaly

115.0510, 56.1769, -51.7877

Deuteranomaly

103.2320, 61.5106, -82.6415

Tritanomaly

101.7550, 38.0818, -81.3461

Monochromacy



Original Color

108.1840, 61.0413, -72.0754

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.2690, 22.0524, -26.5459

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.1840, 61.0413, -72.0754 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(26, 126, 232)` looks like.

```
.text, #text, p{  
    color:rgb(26, 126, 232)  
}
```

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(26, 126, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 126, 232) }
```

Border

The CSS property to change the border of an element to YUV 108.1840, 61.0413, -72.0754 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(26, 126, 232) }
```


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

```
.border{ border-color:rgb(26, 126, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 126, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 126, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 126, 232);  
box-shadow:4px 4px 4px 4px rgb(26, 126,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 108.1840, 61.0413, -72.0754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 126, 232) }
```

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

```
.background{ background-color: rgb(26, 126,  
232) }
```

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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