

Converting Colors

YUV(104.3150, 59.0047,
-72.1903)

Have a look what the booklet for
YUV(104.3150, 59.0047, -72.1903)
contains.

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Color

**YUV(104.3150, 59.0047,
-72.1903)**

Conversions

Conversions Part 1

Format	Color
Hex	167BE0
RGB	22, 123, 224
RGB Percent	9%, 48%, 88%
CMY	0.9137, 0.5176, 0.1216
CMYK	0.90, 0.45, 0.00, 0.12
HSL	210°, 82%, 48%
HSV	210°, 90%, 88%
XYZ	20.8684, 19.7183, 73.2271
YIQ	104.3150, -92.6170, 9.9990

Conversions

Conversions Part 2

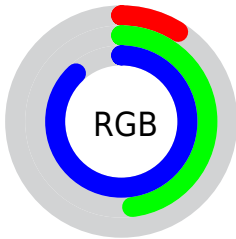
Format	Color
R_{YB}	22, 89, 224
Decimal	1473504
CIE Lab	51.52, 10.62, -58.82
CIE LCh	52, 59.768, 280.231
Yxy	19.7183, 0.1834, 0.1733
Android (android.graphics.Color)	4279663584 (0xFF167BE0)
YUV	104.3150, 59.0047, -72.1903
Hunter-Lab	44.4053, 6.1772, -66.6892

Details

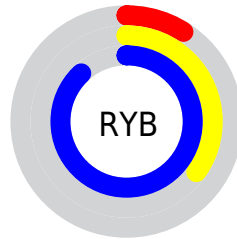
The YUV color **104.3150, 59.0047, -72.1903** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **141.6850, -59.0047, 72.1903**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.3860, 44.6727, -48.5735**, and **63.1770, 51.6777, -55.4062** is the 20% darker color. If you saturate the color by 10%, you get **91.2800, 65.4310, -80.0526**, and if you desaturate by 10%, it is **117.3500, 52.5785, -64.3280**.

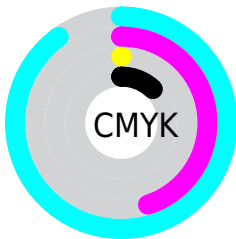
Distribution



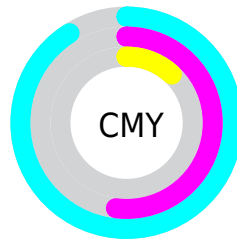
- Red (9%)
- Green (48%)
- Blue (88%)



- Red (9%)
- Yellow (35%)
- Blue (88%)



- Cyan (90%)
- Magenta (45%)
- Yellow (0%)
- Black (12%)



- Cyan (91%)
- Magenta (52%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.3150, 59.0047, -72.1903 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 104.3150, 59.0047, -72.1903 by changing the saturation by 10% instead.

■ 104.3150, 59.0047,
-72.1903

■ 104.3150, 59.0047,
-72.1903

255.0000, 0.0000,
0.0000

■ 80.4570, 56.9627,
-70.5608

■ 164.3860, 44.6727,
-48.5735

■ 63.1770, 51.6777,
-55.4062

■ 189.8030, 32.1421,
-42.8002

■ 47.7720, 45.9614,
-41.8960

■ 215.5080, 19.4696,
-38.1565

■ 33.0680, 40.3925,
-29.0006

■ 239.4520, 7.6652,
-31.9684

■ 16.1300, 36.4179,
-14.1460

■ 248.7210, 3.0955,
-12.9103

■ 11.5190, 26.3661,
-10.1022

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 104.3150, 59.0047,
-72.1903

■ 104.3150, 59.0047,
-72.1903

■ 91.2800, 65.4310,
-80.0526

■ 117.3500, 52.5785,
-64.3280

■ 130.6840, 46.0048,
-55.8509

■ 144.3060, 39.2891,
-48.5034

■ 157.6400, 32.7155,
-40.0263

■ 170.6750, 26.2892,
-32.1640

■ 183.7100, 19.8630,
-24.3017

■ 197.0440, 13.2893,
-15.8246

■ 210.6660, 6.5737,
-8.4771

■ 224.0000, 0.0000,
0.0000

Harmonies

Analogous

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



105.9720, 55.7228, -92.9374



104.3150, 59.0047, -72.1903



126.1540, 36.8991, 18.2819

Triad

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



104.3150, 59.0047, -72.1903



117.6170, -28.8982, 75.7579



94.3320, -4.1077, -82.7292

Complementary

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



104.3150, 59.0047, -72.1903



141.6850, -59.0047, 72.1903

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.



107.2360, -35.1193, -29.1480



104.3150, 59.0047, -72.1903



116.9040, -51.2247, 50.0732

Square

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



104.3150, 59.0047, -72.1903



117.2740, -5.0651, 84.8287



113.1310, -55.7736, 15.6711



101.5480, 18.4638, -89.0576

Rectangle

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



104.3150, 59.0047, -72.1903



124.7470, 24.2817, 51.9649



113.1310, -55.7736, 15.6711



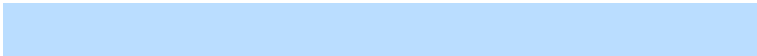
91.8070, -11.2439, -80.5147

Sweetspot

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



104.3150, 59.0047, -72.1903



214.4110, 20.0104, -24.9164



152.0880, -14.3404, -114.0872



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.



104.3150, 59.0047, -72.1903



104.2060, 74.3414, -91.3887



45.0280, 88.2332, -20.1956



105.7760, 3.0684, -4.1886



71.7200, 51.4100, -62.8984



19.5600, 14.0209, -17.1541

Inverse Universe

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



93.9120, 14.3404, 114.0872



90.8370, 18.3214, 143.9710



200.9720, -88.2332, 20.1956



104.9730, 0.9993, 6.1627



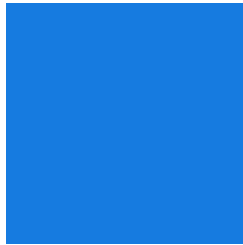
62.6560, 12.4946, 99.4027



17.0880, 3.4076, 27.1098

Previews

White Background



This preview shows how the YUV color 104.3150, 59.0047, -72.1903 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 104.3150, 59.0047, -72.1903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

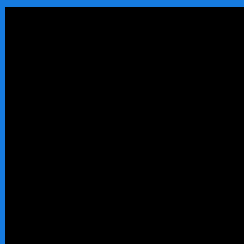
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

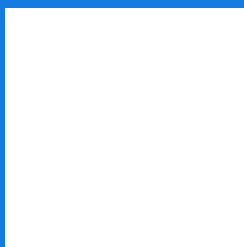
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 104.3150, 59.0047, -72.1903

Background



This preview shows how black text looks on a background with the YUV color 104.3150, 59.0047, -72.1903.



This preview shows how white text looks on a background with the YUV color 104.3150, 59.0047, -72.1903.

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

104.3150, 59.0047, -72.1903

Protanopia

116.7600, 50.8973, -38.3775

Deuteranopia

97.8680, 60.2111, -85.8302



Tritanopia

96.3620, 23.9785, -84.5095

Trichromacy



Original Color

104.3150, 59.0047, -72.1903

Protanomaly

111.7800, 53.8455, -50.6731

Deuteranomaly

100.3740, 59.4686, -81.0120

Tritanomaly

99.1250, 36.9134, -79.9166

Monochromacy



Original Color

104.3150, 59.0047, -72.1903

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.1550, 21.6156, -26.4459

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.3150, 59.0047, -72.1903 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(22, 123, 224)` looks like.

```
.text, #text, p{  
    color:rgb(22, 123, 224)  
}
```

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(22, 123, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 123, 224) }
```

Border

The CSS property to change the border of an element to YUV 104.3150, 59.0047, -72.1903 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(22, 123, 224) }
```


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

```
.border{ border-color:rgb(22, 123, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 123, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 123, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 123, 224);  
box-shadow:4px 4px 4px 4px rgb(22, 123,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 104.3150, 59.0047, -72.1903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 123, 224) }
```

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

```
.background{ background-color: rgb(22, 123,  
224) }
```

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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