

Converting Colors

YUV(104.2610, 61.0033,
-59.8649)

Have a look what the booklet for
YUV(104.2610, 61.0033, -59.8649)
contains.

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Color

**YUV(104.2610, 61.0033,
-59.8649)**

Conversions

Conversions Part 1

Format	Color
Hex	2473E4
RGB	36, 115, 228
RGB Percent	14%, 45%, 89%
CMY	0.8588, 0.5490, 0.1059
CMYK	0.84, 0.50, 0.00, 0.11
HSL	215°, 78%, 52%
HSV	215°, 84%, 89%
XYZ	20.8619, 18.2380, 75.8195
YIQ	104.2610, -83.3570, 18.3950

Conversions

Conversions Part 2

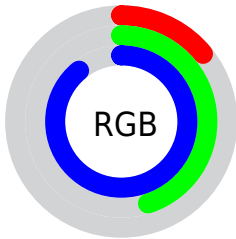
Format	Color
R _Y B	36, 92, 228
Decimal	2388964
CIE Lab	49.78, 18.06, -63.85
CIE LCh	50, 66.355, 285.791
Yxy	18.2380, 0.1815, 0.1587
Android (android.graphics.Color)	4280579044 (0xFF2473E4)
YUV	104.2610, 61.0033, -59.8649
Hunter-Lab	42.7059, 12.4620, -75.3685

Details

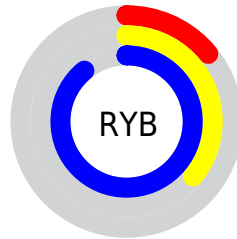
The YUV color **104.2610, 61.0033, -59.8649** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **159.7390, -61.0033, 59.8649**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8970, 46.3928, -40.2517**, and **59.5240, 55.4507, -52.2025** is the 20% darker color. If you saturate the color by 10%, you get **89.7530, 68.1558, -67.3124**, and if you desaturate by 10%, it is **118.7690, 53.8509, -52.4174**.

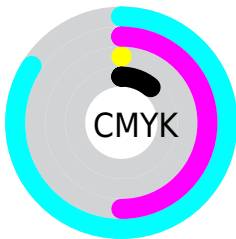
Distribution



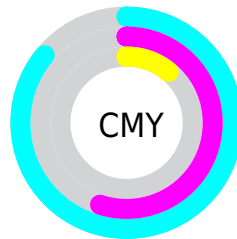
- Red (14%)
- Green (45%)
- Blue (89%)



- Red (14%)
- Yellow (36%)
- Blue (89%)



- Cyan (84%)
- Magenta (50%)
- Yellow (0%)
- Black (11%)



- Cyan (86%)
- Magenta (55%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.2610, 61.0033, -59.8649 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 104.2610, 61.0033, -59.8649 by changing the saturation by 10% instead.

■ 104.2610, 61.0033,
-59.8649

■ 104.2610, 61.0033,
-59.8649

255.0000, 0.0000,
0.0000

■ 76.1030, 60.5882,
-66.7423

■ 160.8970, 46.3928,
-40.2517

■ 59.5240, 55.4507,
-52.2025

■ 186.3140, 33.8622,
-34.4784

■ 44.0050, 49.2975,
-38.5924

■ 212.0190, 21.1896,
-29.8347

■ 29.8880, 43.4392,
-26.2118

■ 237.7240, 8.5171,
-25.1909

■ 11.1890, 40.3328,
-9.8128

■ 250.5150, 2.2111,
-9.2217

■ 11.8610, 27.6765,
-10.4021

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 104.2610, 61.0033,
-59.8649

■ 104.2610, 61.0033,
-59.8649

■ 89.7530, 68.1558,
-67.3124

■ 118.7690, 53.8509,
-52.4174

■ 81.1700, 72.3872,
-71.1861

■ 133.8640, 46.4090,
-45.4847

■ 148.0730, 39.4040,
-38.6520

■ 163.1680, 31.9622,
-31.7193

■ 177.6760, 24.8097,
-24.2719

■ 192.7710, 17.3679,
-17.3392

■ 207.2790, 10.2155,
-9.8917

■ 221.4880, 3.2104,
-3.0590

■ 236.5830, -4.2314,
3.8737

Harmonies

Analogous

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



104.0630, 61.1009, -91.2633



104.2610, 61.0033, -59.8649



121.1710, 37.8767, 31.4220

Triad

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



104.2610, 61.0033, -59.8649



111.3910, -36.1818, 78.5871



93.5000, -2.2185, -81.9995

Complementary

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



104.2610, 61.0033, -59.8649



159.7390, -61.0033, 59.8649

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.



95.5820, -33.3179, -46.9914



104.2610, 61.0033, -59.8649



111.5570, -54.9976, 46.8695

Square

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



104.2610, 61.0033, -59.8649



107.5420, -8.1552, 95.9947



107.7600, -53.1257, 6.3495



101.4000, 22.9738, -88.9278

Rectangle

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



104.2610, 61.0033, -59.8649



116.5470, 24.3803, 67.0493



107.7600, -53.1257, 6.3495



90.0460, -10.3757, -78.9703

Sweetspot

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



104.2610, 61.0033, -59.8649



213.5580, 20.4309, -19.7834



161.4720, -6.6417, -110.0389



102.8380, 12.4049, -12.1359



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.



104.2610, 61.0033, -59.8649



90.7050, 80.9974, -79.5483



62.6720, 81.5067, -9.3593



107.3030, 3.7946, -3.7737



63.2570, 57.0613, -55.4764



18.1410, 16.1995, -15.9097

Inverse Universe

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



102.4140, 6.2049, 110.1389



88.2150, 8.2750, 146.2704



201.3280, -81.5067, 9.3593



107.1580, 0.4151, 6.8774



61.8430, 5.5004, 102.7467



17.6430, 1.6550, 29.2541

Previews

White Background



This preview shows how the YUV color 104.2610, 61.0033, -59.8649 looks on a white background.

Color Contrast Check

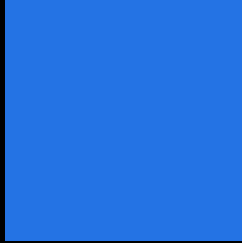
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 104.2610, 61.0033, -59.8649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

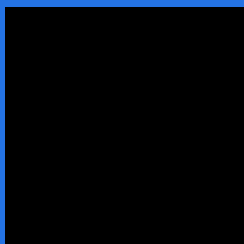
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

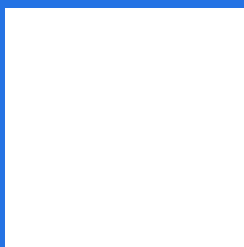
Any Text WCAG AAA × Fail

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

YUV 104.2610, 61.0033, -59.8649 Background



This preview shows how black text looks on a background with the YUV color 104.2610, 61.0033, -59.8649.



This preview shows how white text looks on a background with the YUV color 104.2610, 61.0033, -59.8649.

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

104.2610, 61.0033, -59.8649

Protanopia

108.3440, 58.4974, -49.4137

Deuteranopia

94.3800, 57.0007, -82.7713



Tritanopia

92.7430, 22.8047, -81.3356

Trichromacy



Original Color

104.2610, 61.0033, -59.8649

Protanomaly

106.5500, 59.3819, -53.1023

Deuteranomaly

97.8910, 58.7207, -74.4494

Tritanomaly

96.7560, 36.6023, -73.4540

Monochromacy



Original Color

104.2610, 61.0033, -59.8649

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0030, 22.1835, -21.9276

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.2610, 61.0033, -59.8649 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(36, 115, 228)` looks like.

```
.text, #text, p{  
    color:rgb(36, 115, 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(36, 115, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 115, 228) }
```

Border

The CSS property to change the border of an element to YUV 104.2610, 61.0033, -59.8649 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(36, 115, 228) }
```


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

```
.border{ border-color:rgb(36, 115, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 115, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 115, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 115, 228);  
box-shadow:4px 4px 4px 4px rgb(36, 115,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 104.2610, 61.0033, -59.8649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 115, 228) }
```

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

```
.background{ background-color: rgb(36, 115,  
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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