

Converting Colors

YUV(104.3750, 61.4401,
-59.9649)

Have a look what the booklet for
YUV(104.3750, 61.4401, -59.9649)
contains.

YUV(104.3750, 61.4401, -59.9649)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(104.3750, 61.4401,
-59.9649)**

Conversions

Conversions Part 1

Format	Color
Hex	2473E5
RGB	36, 115, 229
RGB Percent	14%, 45%, 90%
CMY	0.8588, 0.5490, 0.1020
CMYK	0.84, 0.50, 0.00, 0.10
HSL	215°, 79%, 52%
HSV	215°, 84%, 90%
XYZ	21.0011, 18.2937, 76.5529
YIQ	104.3750, -83.6780, 18.7060

Conversions

Conversions Part 2

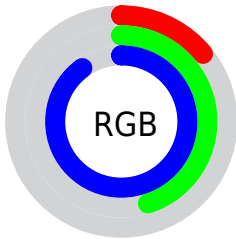
Format	Color
R _Y B	36, 92, 229
Decimal	2388965
CIE Lab	49.85, 18.44, -64.31
CIE LCh	50, 66.897, 286.000
Yxy	18.2937, 0.1813, 0.1579
Android (android.graphics.Color)	4280579045 (0xFF2473E5)
YUV	104.3750, 61.4401, -59.9649
Hunter-Lab	42.7711, 12.7963, -76.1791

Details

The YUV color **104.3750, 61.4401, -59.9649** 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 **160.6250, -61.4401, 59.9649**, 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 **59.6380, 55.8875, -52.3025** is the 20% darker color. If you saturate the color by 10%, you get **89.2800, 68.8820, -66.8976**, and if you desaturate by 10%, it is **119.4700, 53.9983, -53.0322**.

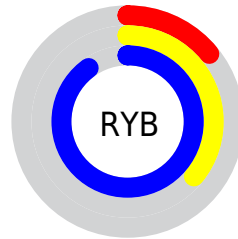
Distribution



Red (14%)

Green (45%)

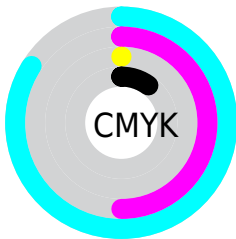
Blue (90%)



Red (14%)

Yellow (36%)

Blue (90%)

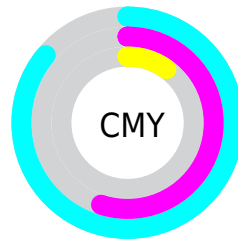


Cyan (84%)

Magenta (50%)

Yellow (0%)

Black (10%)



Cyan (86%)

Magenta (55%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.3750, 61.4401, -59.9649 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 104.3750, 61.4401, -59.9649 by changing the saturation by 10% instead.

■ 104.3750, 61.4401,
-59.9649

■ 104.3750, 61.4401,
-59.9649

255.0000, 0.0000,
0.0000

■ 76.2170, 61.0250,
-66.8423

■ 160.8970, 46.3928,
-40.2517

■ 59.6380, 55.8875,
-52.3025

■ 186.3140, 33.8622,
-34.4784

■ 44.1190, 49.7343,
-38.6924

■ 212.0190, 21.1896,
-29.8347

■ 30.0020, 43.8760,
-26.3118

■ 237.7240, 8.5171,
-25.1909

■ 10.7160, 41.0590,
-9.3979

■ 250.5150, 2.2111,
-9.2217

■ 12.5620, 27.8239,
-11.0169

■ 7.0050, 19.2245,

-6.1434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 104.3750, 61.4401,
-59.9649

■ 104.3750, 61.4401,
-59.9649

■ 89.2800, 68.8820,
-66.8976

■ 119.4700, 53.9983,
-53.0322

■ 81.2840, 72.8240,
-71.2861

■ 133.9780, 46.8458,
-45.5847

■ 149.0730, 39.4040,
-38.6520

■ 163.5810, 32.2516,
-31.2045

■ 178.6760, 24.8097,
-24.2719

■ 192.8850, 17.8047,
-17.4391

■ 207.9800, 10.3629,
-10.5065

■ 222.4880, 3.2104,
-3.0590

■ 237.5830, -4.2314,
3.8737

Harmonies

Analogous

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



104.2910, 61.9745, -91.4632



104.3750, 61.4401, -59.9649



121.4700, 37.7293, 32.0368

Triad

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



104.3750, 61.4401, -59.9649



111.5760, -36.7660, 79.3018



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.



104.3750, 61.4401, -59.9649



160.6250, -61.4401, 59.9649

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.



95.5710, -33.3125, -48.7358



104.3750, 61.4401, -59.9649



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.



104.3750, 61.4401, -59.9649



107.2540, -8.0132, 97.1242



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.



104.3750, 61.4401, -59.9649



116.2590, 24.5223, 68.1789



107.7600, -53.1257, 6.3495



90.6330, -10.6651, -79.4851

Sweetspot

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



104.3750, 61.4401, -59.9649



213.5580, 20.4309, -19.7834



162.1730, -6.4943, -110.6537



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.



104.3750, 61.4401, -59.9649



90.1180, 81.2868, -79.0335



62.7860, 81.9435, -9.4593



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.



102.7130, 6.0575, 110.7537



88.1010, 7.8382, 146.3704



202.2140, -81.9435, 9.4593



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 104.3750, 61.4401, -59.9649 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 104.3750, 61.4401, -59.9649 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

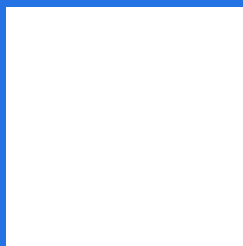
Any Text WCAG AAA × Fail

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

YUV 104.3750, 61.4401, -59.9649 Background



This preview shows how black text looks on a background with the YUV color 104.3750, 61.4401, -59.9649.



This preview shows how white text looks on a background with the YUV color 104.3750, 61.4401, -59.9649.

-59.9649.

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

104.3750, 61.4401, -59.9649

Protanopia

108.1590, 59.0816, -50.1284

Deuteranopia

94.3800, 57.0007, -82.7713



Tritanopia

92.8570, 23.2415, -81.4356

Trichromacy



Original Color

104.3750, 61.4401, -59.9649

Protanomaly

106.6640, 59.8186, -53.2023

Deuteranomaly

97.8910, 58.7207, -74.4494

Tritanomaly

96.8700, 37.0391, -73.5540

Monochromacy



Original Color

104.3750, 61.4401, -59.9649

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 104.3750, 61.4401, -59.9649 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(36, 115, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 115, 229) }
```

Border

The CSS property to change the border of an element to YUV 104.3750, 61.4401, -59.9649 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, 229) }
```


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

```
.border{ border-color:rgb(36, 115, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 115, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 115, 229);  
box-shadow:4px 4px 4px 4px rgb(36, 115,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 104.3750, 61.4401, -59.9649 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, 229) }
```

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

```
.background{ background-color: rgb(36, 115,  
229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor