

Converting Colors

YUV(104.5860, 64.7871,
-60.1499)

Have a look what the booklet for
YUV(104.5860, 64.7871, -60.1499)
contains.

YUV(104.5860, 64.7871, -60.1499)	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(104.5860, 64.7871,
-60.1499)**

Conversions

Conversions Part 1

Format	Color
Hex	2472EC
RGB	36, 114, 236
RGB Percent	14%, 45%, 93%
CMY	0.8588, 0.5529, 0.0745
CMYK	0.85, 0.52, 0.00, 0.07
HSL	217°, 84%, 53%
HSV	217°, 85%, 93%
XYZ	21.8852, 18.4658, 81.7677
YIQ	104.5860, -85.6500, 21.4060

Conversions

Conversions Part 2

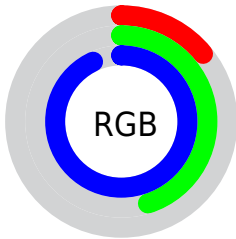
Format	Color
R _Y B	36, 92, 236
Decimal	2388716
CIE _{Lab}	50.06, 21.73, -67.90
CIE _{LCh}	50, 71.294, 287.750
Y _{xy}	18.4658, 0.1792, 0.1512
Android (android.graphics.Color)	4280578796 (0xFF2472EC)
YUV	104.5860, 64.7871, -60.1499
Hunter-Lab	42.9719, 15.7076, -82.7378

Details

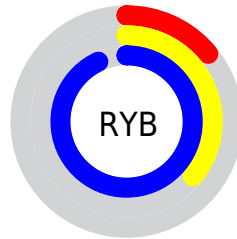
The YUV color **104.5860, 64.7871, -60.1499** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **167.4140, -64.7871, 60.1499**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.9080, 46.3874, -38.5073**, and **59.7350, 58.7976, -52.3876** is the 20% darker color. If you saturate the color by 10%, you get **89.1920, 72.3763, -67.6974**, and if you desaturate by 10%, it is **119.9800, 57.1979, -52.6025**.

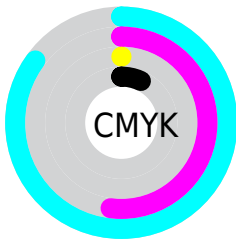
Distribution



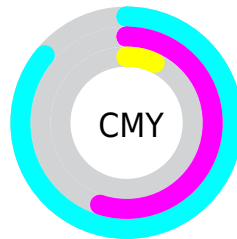
- Red (14%)
- Green (45%)
- Blue (93%)



- Red (14%)
- Yellow (36%)
- Blue (93%)



- Cyan (85%)
- Magenta (52%)
- Yellow (0%)
- Black (7%)



- Cyan (86%)
- Magenta (55%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.5860, 64.7871, -60.1499 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 104.5860, 64.7871, -60.1499 by changing the saturation by 10% instead.

■ 104.5860, 64.7871,
-60.1499

■ 104.5860, 64.7871,
-60.1499

255.0000, 0.0000,
0.0000

■ 76.4280, 64.3720,
-67.0274

■ 160.9080, 46.3874,
-38.5073

■ 59.7350, 58.7976,
-52.3876

■ 186.3250, 33.8568,
-32.7340

■ 44.3300, 53.0813,
-38.8774

■ 212.3290, 21.0368,
-27.4755

■ 30.6860, 46.4968,
-26.9116

■ 238.0340, 8.3642,
-22.8318

■ 11.2860, 43.2430,
-9.8978

■ 251.4120, 1.7689,
-7.3773

■ 13.7190, 29.7185,
-12.0316

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 104.5860, 64.7871,
-60.1499

■ 104.5860, 64.7871,
-60.1499

■ 89.1920, 72.3763,
-67.6974

■ 119.9800, 57.1979,
-52.6025

■ 80.9080, 76.4604,
-70.9563

■ 135.6620, 49.4666,
-46.1846

■ 151.0560, 41.8774,
-38.6371

■ 166.7380, 34.1462,
-32.2192

■ 182.1320, 26.5569,
-24.6718

■ 197.5260, 18.9677,
-17.1243

■ 213.2080, 11.2365,
-10.7064

■ 228.6020, 3.6472,
-3.1590

■ 244.2840, -4.0840,
3.2589

Harmonies

Analogous

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



105.9040, 65.6163, -92.8778



104.5860, 64.7871, -60.1499



121.0840, 39.8916, 38.5143

Triad

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



104.5860, 64.7871, -60.1499



110.1590, -40.9974, 83.1756



94.9020, -1.9237, -83.2291

Complementary

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



104.5860, 64.7871, -60.1499



167.4140, -64.7871, 60.1499

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.



87.6290, -31.3691, -65.4496



104.5860, 64.7871, -60.1499



112.1440, -55.2870, 46.3547

Square

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



104.5860, 64.7871, -60.1499



103.7820, -8.7665, 105.4312



107.7380, -53.1148, 2.8608



103.3720, 25.4526, -90.6572

Rectangle

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



104.5860, 64.7871, -60.1499



113.9550, 25.6582, 77.2155



107.7380, -53.1148, 2.8608



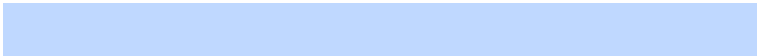
91.9210, -10.8071, -80.6147

Sweetspot

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



104.5860, 64.7871, -60.1499



212.9710, 20.7203, -19.2686



167.0800, -5.4624, -114.9572



102.2510, 12.6943, -11.6211



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.



104.5860, 64.7871, -60.1499



87.1830, 82.7338, -76.4595



64.7800, 84.4115, -7.7001



109.6020, 3.6472, -3.1590



62.3110, 58.5137, -54.6467



18.4830, 17.5099, -16.2096

Inverse Universe

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



104.6920, 4.5888, 115.1571



87.5310, 5.6542, 146.8703



207.2200, -84.4115, 7.7001



109.7450, 0.1257, 6.3626



62.2130, 4.3320, 104.1762



18.5400, 1.2128, 31.0984

Previews

White Background



This preview shows how the YUV color 104.5860, 64.7871, -60.1499 looks on a white background.

Color Contrast Check

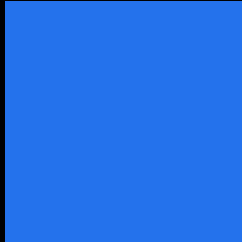
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.5860, 64.7871, -60.1499 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

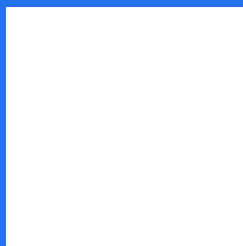
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 104.5860, 64.7871, -60.1499

Background



This preview shows how black text looks on a background with the YUV color 104.5860, 64.7871, -60.1499.



This preview shows how white text looks on a background with the YUV color 104.5860, 64.7871, -60.1499.

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

104.5860, 64.7871, -60.1499

Protanopia

104.5860, 64.7871, -60.1499

Deuteranopia

94.9670, 56.7113, -83.2861



Tritanopia

92.8570, 23.2415, -81.4356

Trichromacy



Original Color

104.5860, 64.7871, -60.1499

Protanomaly

104.5860, 64.7871, -60.1499

Deuteranomaly

98.1190, 59.5943, -74.6494

Tritanomaly

97.2120, 38.3495, -73.8539

Monochromacy



Original Color

104.5860, 64.7871, -60.1499

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.7580, 23.7833, -21.7128

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.5860, 64.7871, -60.1499 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, 114, 236)` looks like.

```
.text, #text, p{  
    color:rgb(36, 114, 236)  
}
```

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, 114, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 114, 236) }
```

Border

The CSS property to change the border of an element to YUV 104.5860, 64.7871, -60.1499 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, 114, 236) }
```


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

```
.border{ border-color:rgb(36, 114, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 114, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 114, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 114, 236);  
box-shadow:4px 4px 4px 4px rgb(36, 114,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 104.5860, 64.7871, -60.1499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 114, 236) }
```

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

```
.background{ background-color: rgb(36, 114,  
236) }
```

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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