

Converting Colors

YUV(104.5940, 62.8112,
-32.9699)

Have a look what the booklet for
YUV(104.5940, 62.8112, -32.9699)
contains.

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Color

**YUV(104.5940, 62.8112,
-32.9699)**

Conversions

Conversions Part 1

Format	Color
Hex	4363E8
RGB	67, 99, 232
RGB Percent	26%, 39%, 91%
CMY	0.7373, 0.6118, 0.0902
CMYK	0.71, 0.57, 0.00, 0.09
HSL	228°, 78%, 59%
HSV	228°, 71%, 91%
XYZ	21.3421, 15.9432, 78.2964
YIQ	104.5940, -61.7650, 34.5790

Conversions

Conversions Part 2

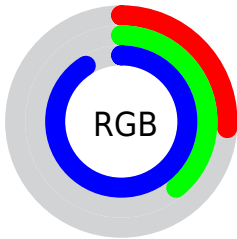
Format	Color
R _Y B	67, 94, 232
Decimal	4416488
CIE Lab	46.90, 32.78, -70.73
CIE LCh	47, 77.961, 294.867
Yxy	15.9432, 0.1846, 0.1379
Android (android.graphics.Color)	4282606568 (0xFF4363E8)
YUV	104.5940, 62.8112, -32.9699
Hunter-Lab	39.9289, 25.5330, -88.3113

Details

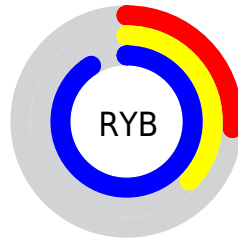
The YUV color **104.5940, 62.8112, -32.9699** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **194.4060, -62.8112, 32.9699**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.5990, 48.5117, -19.8193**, and **51.0610, 61.1019, -44.7805** is the 20% darker color. If you saturate the color by 10%, you get **86.5640, 71.6999, -37.3286**, and if you desaturate by 10%, it is **122.6240, 53.9224, -28.6112**.

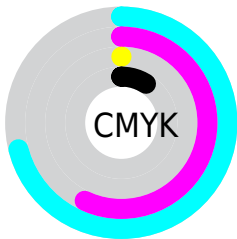
Distribution



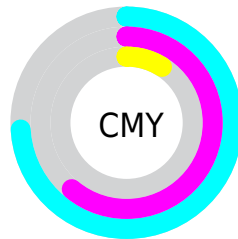
- Red (26%)
- Green (39%)
- Blue (91%)



- Red (26%)
- Yellow (37%)
- Blue (91%)



- Cyan (71%)
- Magenta (57%)
- Yellow (0%)
- Black (9%)



- Cyan (74%)
- Magenta (61%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.5940, 62.8112, -32.9699 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 104.5940, 62.8112, -32.9699 by changing the saturation by 10% instead.

■ 104.5940, 62.8112,
-32.9699

■ 104.5940, 62.8112,
-32.9699

255.0000, 0.0000,
0.0000

■ 70.1570, 65.4916,
-52.7577

■ 156.5990, 48.5117,
-19.8193

■ 51.0610, 61.1019,
-44.7805

■ 181.7170, 36.1285,
-14.6608

■ 36.2430, 55.0962,
-31.7851

■ 206.8350, 23.7453,
-9.5023

■ 23.1860, 48.2223,
-20.3341

■ 232.5400, 11.0728,
-4.8586

■ 10.9440, 41.9326,
-9.5979

■ 12.7900, 28.6975,
-11.2168

■ 7.7060, 19.3719,

-6.7582

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 104.5940, 62.8112,
-32.9699

■ 104.5940, 62.8112,
-32.9699

■ 86.5640, 71.6999,
-37.3286

■ 122.6240, 53.9224,
-28.6112

■ 69.1210, 80.2993,
-42.2021

■ 140.0670, 45.3230,
-23.7378

■ 52.8630, 88.3145,
-46.3609

■ 158.3960, 36.2868,
-18.7643

■ 176.4260, 27.3980,
-14.4056

■ 194.4560, 18.5092,
-10.0469

■ 211.8990, 9.9098,
-5.1734

■ 229.9290, 1.0210,
-0.8147

■ 248.2580, -8.0152,
4.1587

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



100.0170, 70.9836, -87.7149



104.5940, 62.8112, -32.9699



108.1020, 39.3897, 59.5465

Triad

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



104.5940, 62.8112, -32.9699



100.2590, -49.4277, 80.4569



91.5910, 3.1596, -80.3253

Complementary

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



104.5940, 62.8112, -32.9699



194.4060, -62.8112, 32.9699

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.



80.5790, -28.8794, -70.6678



104.5940, 62.8112, -32.9699



104.9900, -51.7601, 35.0888

Square

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



104.5940, 62.8112, -32.9699



84.1750, -11.4253, 118.2415



96.7190, -47.6825, -12.9086



99.8160, 32.1357, -87.5386

Rectangle

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



104.5940, 62.8112, -32.9699



87.7550, 29.2078, 105.4549



96.7190, -47.6825, -12.9086



88.2680, -7.0341, -77.4110

Sweetspot

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



104.5940, 62.8112, -32.9699



213.6130, 20.4038, -11.0616



178.9030, 9.9078, -98.1389



103.1700, 12.2412, -6.2881



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.



104.5940, 62.8112, -32.9699



87.3920, 82.6307, -43.3168



100.4610, 64.8487, 13.6277



106.1290, 4.3734, -2.7441



40.9510, 68.0582, -35.9140



11.6840, 19.3828, -10.2469

Inverse Universe

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



119.9830, -10.3446, 98.2389



107.6710, -13.6418, 129.2075



198.5390, -64.8487, -13.6277



106.9300, -0.4585, 7.0774



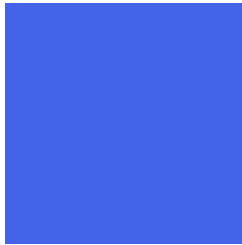
57.5110, -11.0979, 106.5459



16.3890, -3.1498, 30.3538

Previews

White Background



This preview shows how the YUV color 104.5940, 62.8112, -32.9699 looks on a white background.

Color Contrast Check

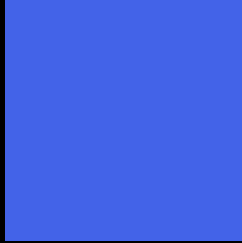
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.5940, 62.8112, -32.9699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

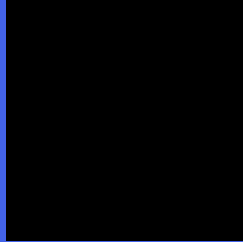
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.5940, 62.8112, -32.9699

Background



This preview shows how black text looks on a background with the YUV color 104.5940, 62.8112, -32.9699.



This preview shows how white text looks on a background with the YUV color 104.5940, 62.8112, -32.9699.

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

104.5940, 62.8112, -32.9699

Deuteranopia

88.5610, 52.4744, -77.6680

Tritanopia

87.1350, 21.6254, -76.4174

Trichromacy



Original Color

104.5940, 62.8112, -32.9699

Deuteranomaly

94.2840, 56.0620, -61.6391

Tritanomaly

93.2460, 36.8537, -60.7287

Monochromacy



Original Color

104.5940, 62.8112, -32.9699

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8840, 22.7352, -12.1763

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.5940, 62.8112, -32.9699 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(67, 99, 232)` looks like.

```
.text, #text, p{  
    color:rgb(67, 99, 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(67, 99, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 99, 232) }
```

Border

The CSS property to change the border of an element to YUV 104.5940, 62.8112, -32.9699 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(67, 99, 232) }
```

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

```
.border{ border-color:rgb(67, 99, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 99, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 99, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 99, 232);  
box-shadow:4px 4px 4px 4px rgb(67, 99,  
232) }
```


Background

The CSS property to change the background color of an element to YUV 104.5940, 62.8112, -32.9699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 99, 232) }
```

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

```
.background{ background-color: rgb(67, 99,  
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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