

Converting Colors

YUV(106.2940, 60.9871,
-54.6318)

Have a look what the booklet for
YUV(106.2940, 60.9871, -54.6318)
contains.

YUV(106.2940, 60.9871, -54.6318)	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(106.2940, 60.9871,
-54.6318)**

Conversions

Conversions Part 1

Format	Color
Hex	2C72E6
RGB	44, 114, 230
RGB Percent	17%, 45%, 90%
CMY	0.8275, 0.5529, 0.0980
CMYK	0.81, 0.50, 0.00, 0.10
HSL	217°, 79%, 54%
HSV	217°, 81%, 90%
XYZ	21.3389, 18.2833, 77.2673
YIQ	106.2940, -78.9560, 21.2360

Conversions

Conversions Part 2

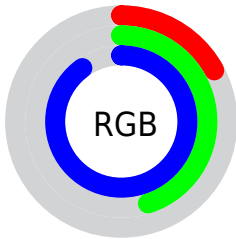
Format	Color
R_{YB}	44, 95, 230
Decimal	2912998
CIE _{Lab}	49.84, 20.10, -64.88
CIE _{LCh}	50, 67.922, 287.217
Yxy	18.2833, 0.1826, 0.1564
Android (android.graphics.Color)	4281103078 (0xFF2C72E6)
YUV	106.2940, 60.9871, -54.6318
Hunter-Lab	42.7589, 14.2527, -77.2083

Details

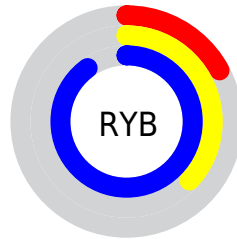
The YUV color **106.2940, 60.9871, -54.6318** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **167.7060, -60.9871, 54.6318**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.5060, 46.0925, -37.2778**, and **59.0510, 56.1769, -51.7877** is the 20% darker color. If you saturate the color by 10%, you get **91.1990, 68.4289, -61.5645**, and if you desaturate by 10%, it is **121.3890, 53.5452, -47.6992**.

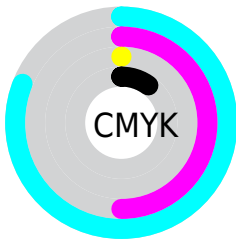
Distribution



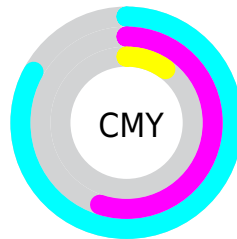
- Red (17%)
- Green (45%)
- Blue (90%)



- Red (17%)
- Yellow (37%)
- Blue (90%)



- Cyan (81%)
- Magenta (50%)
- Yellow (0%)
- Black (10%)



- Cyan (83%)
- Magenta (55%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.2940, 60.9871, -54.6318 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 106.2940, 60.9871, -54.6318 by changing the saturation by 10% instead.

■ 106.2940, 60.9871,
-54.6318

■ 106.2940, 60.9871,
-54.6318

255.0000, 0.0000,
0.0000

■ 75.7440, 61.7512,
-66.4275

■ 161.5060, 46.0925,
-37.2778

■ 59.0510, 56.1769,
-51.7877

■ 186.9230, 33.5620,
-31.5045

■ 43.6460, 50.4605,
-38.2775

■ 212.6280, 20.8894,
-26.8608

■ 30.1160, 44.3128,
-26.4117

■ 238.3330, 8.2168,
-22.2170

■ 10.7160, 41.0590,
-9.3979

■ 251.7110, 1.6215,
-6.7625

■ 12.6760, 28.2607,
-11.1169

■ 7.5920, 18.9351,

-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 106.2940, 60.9871,
-54.6318

■ 106.2940, 60.9871,
-54.6318

■ 91.1990, 68.4289,
-61.5645

■ 121.3890, 53.5452,
-47.6992

■ 77.2890, 75.2865,
-67.7825

■ 137.0710, 45.8140,
-41.2813

■ 152.1660, 38.3722,
-34.3486

■ 167.2610, 30.9303,
-27.4159

■ 182.9430, 23.1991,
-20.9980

■ 198.0380, 15.7573,
-14.0653

■ 213.1330, 8.3154,
-7.1326

■ 228.8150, 0.5842,
-0.7148

■ 243.9100, -6.8576,
6.2179

Harmonies

Analogous

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



104.5190, 62.8481, -91.6632



106.2940, 60.9871, -54.6318



121.1930, 37.8659, 34.9107

Triad

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



106.2940, 60.9871, -54.6318



110.8210, -38.3658, 79.0870



93.7280, -1.3449, -82.1995

Complementary

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



106.2940, 60.9871, -54.6318



167.7060, -60.9871, 54.6318

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.



92.9940, -31.5490, -54.3687



106.2940, 60.9871, -54.6318



111.8450, -55.1396, 45.7399

Square

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



106.2940, 60.9871, -54.6318



106.6240, -9.1816, 98.5538



107.4500, -52.9728, 3.9904



101.7420, 24.2842, -89.2277

Rectangle

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



106.2940, 60.9871, -54.6318



115.7540, 23.7853, 71.2527



107.4500, -52.9728, 3.9904



90.8610, -9.7915, -79.6851

Sweetspot

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



106.2940, 60.9871, -54.6318



214.4550, 19.9887, -17.9390



166.2920, -3.5950, -107.2501



102.8490, 12.3994, -10.3916



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.



106.2940, 60.9871, -54.6318



90.7490, 80.9757, -72.5709



71.7820, 78.0015, -5.0708



107.3030, 3.7946, -3.7737



59.7350, 58.7976, -52.3876



16.9670, 16.7783, -14.8801

Inverse Universe

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



107.5940, 3.1582, 107.3501



92.4550, 4.2127, 142.5520



202.2180, -78.0015, 5.0708



107.1580, 0.4151, 6.8774



61.1590, 2.8796, 103.3466



17.4150, 0.7814, 29.4540

Previews

White Background



This preview shows how the YUV color 106.2940, 60.9871, -54.6318 looks on a white background.

Color Contrast Check

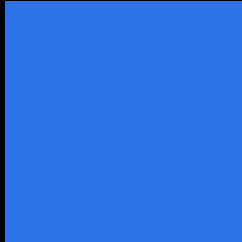
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.2940, 60.9871, -54.6318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

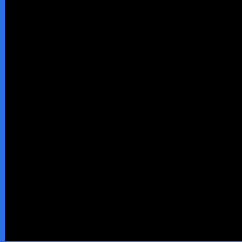
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

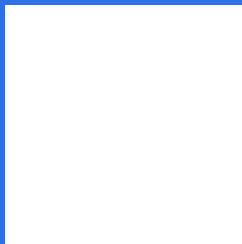
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 106.2940, 60.9871, -54.6318

Background



This preview shows how black text looks on a background with the YUV color 106.2940, 60.9871, -54.6318.



This preview shows how white text looks on a background with the YUV color 106.2940, 60.9871, -54.6318.

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

106.2940, 60.9871, -54.6318

Protanopia

107.1910, 60.5448, -52.7875

Deuteranopia

94.3800, 57.0007, -82.7713



Tritanopia

92.8570, 23.2415, -81.4356

Trichromacy



Original Color

106.2940, 60.9871, -54.6318

Protanomaly

106.8920, 60.6922, -53.4023

Deuteranomaly

98.7880, 58.2785, -72.6051

Tritanomaly

97.8810, 37.0337, -71.8096

Monochromacy



Original Color

106.2940, 60.9871, -54.6318

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.0140, 22.1781, -20.1833

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.2940, 60.9871, -54.6318 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(44, 114, 230)` looks like.

```
.text, #text, p{  
    color:rgb(44, 114, 230)  
}
```

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(44, 114, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 114, 230) }
```

Border

The CSS property to change the border of an element to YUV 106.2940, 60.9871, -54.6318 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(44, 114, 230) }
```


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

```
.border{ border-color:rgb(44, 114, 230) }
```

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

Here you see how a box with a 4 pixel rgb(44, 114, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 114, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 114, 230);  
box-shadow:4px 4px 4px 4px rgb(44, 114,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 106.2940, 60.9871, -54.6318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 114, 230) }
```

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

```
.background{ background-color: rgb(44, 114,  
230) }
```

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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