

Converting Colors

YUV(114.4730, 22.4448,
-59.1738)

Have a look what the booklet for
YUV(114.4730, 22.4448, -59.1738)
contains.

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Color

**YUV(114.4730, 22.4448,
-59.1738)**

Conversions

Conversions Part 1

Format	Color
Hex	2F8CA0
RGB	47, 140, 160
RGB Percent	18%, 55%, 63%
CMY	0.8157, 0.4510, 0.3725
CMYK	0.71, 0.12, 0.00, 0.37
HSL	191°, 55%, 41%
HSV	191°, 71%, 63%
XYZ	16.8955, 21.8986, 36.5941
YIQ	114.4730, -61.8480, -13.4960

Conversions

Conversions Part 2

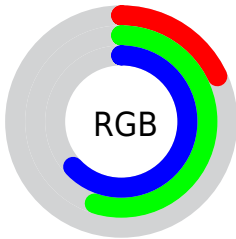
Format	Color
R_{YB}	47, 98, 160
Decimal	3116192
CIE _{Lab}	53.92, -20.24, -18.50
CIE _{LCh}	54, 27.424, 222.431
Yxy	21.8986, 0.2241, 0.2905
Android (android.graphics.Color)	4281306272 (0xFF2F8CA0)
YUV	114.4730, 22.4448, -59.1738
Hunter-Lab	46.7959, -17.4459, -13.6072

Details

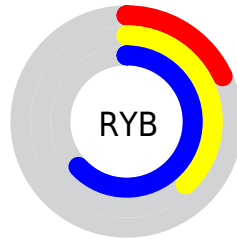
The YUV color **114.4730, 22.4448, -59.1738** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **92.5270, -22.4448, 59.1738**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6800, 21.8498, -54.9704**, and **65.1420, 21.1290, -57.1295** is the 20% darker color. If you saturate the color by 10%, you get **107.9280, 25.6715, -67.4659**, and if you desaturate by 10%, it is **121.0180, 19.2181, -50.8818**.

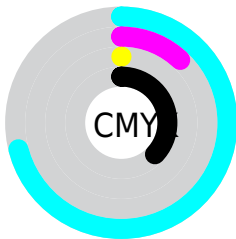
Distribution



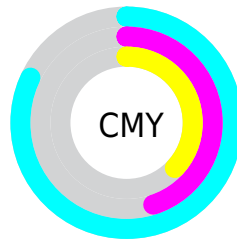
- Red (18%)
- Green (55%)
- Blue (63%)



- Red (18%)
- Yellow (38%)
- Blue (63%)



- Cyan (71%)
- Magenta (12%)
- Yellow (0%)
- Black (37%)



- Cyan (82%)
- Magenta (45%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.4730, 22.4448, -59.1738 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 114.4730, 22.4448, -59.1738 by changing the saturation by 10% instead.

■ 114.4730, 22.4448,
-59.1738

■ 114.4730, 22.4448,
-59.1738

■ 255.0000, 0.0000,
0.0000

■ 82.1940, 25.5404,
-72.0841

■ 170.6800, 21.8498,
-54.9704

■ 65.1420, 21.1290,
-57.1295

■ 198.9790, 21.7024,
-54.3556

■ 48.3180, 17.5912,
-42.3749

■ 225.4540, 14.5662,
-52.1412

■ 32.1950, 14.2009,
-28.2350

■ 237.0600, 8.8444,
-36.8866

■ 18.5340, 10.0897,
-16.2543

■ 245.7310, 4.5696,
-19.0581

■ 2.6390, 7.5730,
-2.3144

■ 254.7010, 0.1474,

■ 0.0000, 0.0000,

-0.6148

0.0000

■ 114.4730, 22.4448,
-59.1738

■ 114.4730, 22.4448,
-59.1738

■ 107.9280, 25.6715,
-67.4659

■ 121.0180, 19.2181,
-50.8818

■ 101.3830, 28.8982,
-75.7579

■ 127.5630, 15.9914,
-42.5898

■ 95.7240, 31.6881,
-83.9499

■ 133.5210, 13.0541,
-33.7829

■ 140.0660, 9.8275,
-25.4909

■ 146.6110, 6.6008,
-17.1988

■ 153.1560, 3.3741,
-8.9068

■ 159.7010, 0.1474,
-0.6148

■ 166.2460, -3.0793,
7.6773

■ 172.2040, -6.0166,
16.4841

Harmonies

Analogous

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



115.2320, 11.2246, -53.7005



114.4730, 22.4448, -59.1738



121.3920, 25.4427, -40.6858

Triad

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



114.4730, 22.4448, -59.1738



132.6800, 5.5808, 30.0986



126.6100, -21.9927, 7.3580

Complementary

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



114.4730, 22.4448, -59.1738



92.5270, -22.4448, 59.1738

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.



128.7200, -22.0470, 24.8016



114.4730, 22.4448, -59.1738



131.4610, -5.6503, 39.0607

Square

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



114.4730, 22.4448, -59.1738



131.6050, 15.9707, 10.8704



130.1050, -15.8278, 36.7419



123.6120, -15.0917, -12.8147

Rectangle

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



114.4730, 22.4448, -59.1738



125.9750, 24.6623, -23.6571



130.1050, -15.8278, 36.7419



127.1270, -22.7406, 13.9206

Sweetspot

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



114.4730, 22.4448, -59.1738



191.1480, 8.8010, -22.9318



115.4970, -24.4020, -60.0719



93.9920, 5.4269, -14.0250



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



114.4730, 22.4448, -59.1738



137.5810, 35.2096, -93.4715



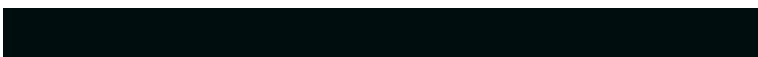
82.1880, 38.3613, -30.8599



76.0210, 1.4686, -4.4034



85.5680, 28.3140, -75.0431



9.3410, 2.7899, -8.1921

Inverse Universe

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



91.3890, 23.9652, 60.1718



100.9800, 37.9709, 94.7335



124.8120, -38.3613, 30.8599



74.1900, 1.8783, 4.2184



56.2090, 30.4630, 76.1157



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 114.4730, 22.4448, -59.1738 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 114.4730, 22.4448, -59.1738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

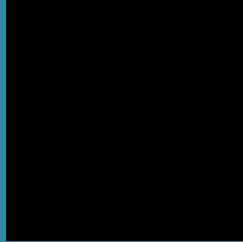
Any Text WCAG AA ✓ Pass

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 114.4730, 22.4448, -59.1738 Background



This preview shows how black text looks on a background with the YUV color 114.4730, 22.4448, -59.1738.



This preview shows how white text looks on a background with the YUV color 114.4730, 22.4448, -59.1738.

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

114.4730, 22.4448, -59.1738

Protanopia

128.5400, 11.0728, -4.8586

Deuteranopia

129.0220, 16.7512, -6.1583



Tritanopia

112.7670, 19.8349, -62.0627

Trichromacy



Original Color

114.4730, 22.4448, -59.1738

Protanomaly

123.4450, 15.0636, -24.9463

Deuteranomaly

123.7700, 18.8474, -25.2313

Tritanomaly

113.7070, 20.8504, -61.1330

Monochromacy



Original Color

114.4730, 22.4448, -59.1738

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0450, 8.3588, -21.0875

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.4730, 22.4448, -59.1738 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(47, 140, 160)` looks like.

```
.text, #text, p{  
    color:rgb(47, 140, 160)  
}
```

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(47, 140, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 140, 160) }
```

Border

The CSS property to change the border of an element to YUV 114.4730, 22.4448, -59.1738 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(47, 140, 160) }
```


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

```
.border{ border-color:rgb(47, 140, 160) }
```

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

Here you see how a box with a 4 pixel rgb(47, 140, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 140, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 140, 160);  
box-shadow:4px 4px 4px 4px rgb(47, 140,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 114.4730, 22.4448, -59.1738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 140, 160) }
```

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

```
.background{ background-color: rgb(47, 140,  
160) }
```

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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