

Converting Colors

YUV(100.7510, 61.2548,
-47.1396)

Have a look what the booklet for
YUV(100.7510, 61.2548, -47.1396)
contains.

YUV(100.7510, 61.2548, -47.1396)	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(100.7510, 61.2548,
-47.1396)**

Conversions

Conversions Part 1

Format	Color
Hex	2F68E1
RGB	47, 104, 225
RGB Percent	18%, 41%, 88%
CMY	0.8157, 0.5922, 0.1176
CMYK	0.79, 0.54, 0.00, 0.12
HSL	221°, 75%, 53%
HSV	221°, 79%, 88%
XYZ	19.7132, 15.9412, 73.2721
YIQ	100.7510, -72.8130, 25.5470

Conversions

Conversions Part 2

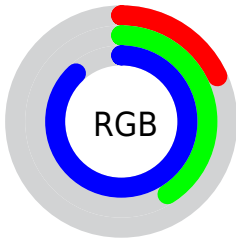
Format	Color
R _Y B	47, 90, 225
Decimal	3107041
CIE Lab	46.90, 24.86, -66.82
CIE LCh	47, 71.293, 290.406
Yxy	15.9412, 0.1810, 0.1463
Android (android.graphics.Color)	4281297121 (0xFF2F68E1)
YUV	100.7510, 61.2548, -47.1396
Hunter-Lab	39.9264, 18.2610, -80.8592

Details

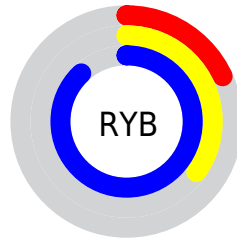
The YUV color **100.7510, 61.2548, -47.1396** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **171.2490, -61.2548, 47.1396**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9350, 48.8390, -31.5150**, and **53.3120, 57.0342, -46.7546** is the 20% darker color. If you saturate the color by 10%, you get **85.0690, 68.9860, -53.5575**, and if you desaturate by 10%, it is **116.4330, 53.5235, -40.7217**.

Distribution



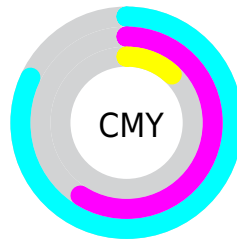
- Red (18%)
- Green (41%)
- Blue (88%)



- Red (18%)
- Yellow (35%)
- Blue (88%)



- Cyan (79%)
- Magenta (54%)
- Yellow (0%)
- Black (12%)



- Cyan (82%)
- Magenta (59%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.7510, 61.2548, -47.1396 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 100.7510, 61.2548, -47.1396 by changing the saturation by 10% instead.

■ 100.7510, 61.2548,
-47.1396

■ 100.7510, 61.2548,
-47.1396

■ 255.0000, 0.0000,
0.0000

■ 69.3040, 62.4611,
-60.7796

■ 155.9350, 48.8390,
-31.5150

■ 53.3120, 57.0342,
-46.7546

■ 180.7650, 36.5979,
-25.2269

■ 38.4940, 51.0285,
-33.7592

■ 206.1710, 24.0727,
-21.1980

■ 24.8500, 44.4440,
-21.7934

■ 231.8760, 11.4001,
-16.5543

■ 12.6080, 38.1543,
-11.0572

■ 251.7110, 1.6215,
-6.7625

■ 11.5190, 26.3661,
-10.1022

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 100.7510, 61.2548,
-47.1396

■ 100.7510, 61.2548,
-47.1396

■ 85.0690, 68.9860,
-53.5575

■ 116.4330, 53.5235,
-40.7217

■ 69.0990, 76.8592,
-58.8458

■ 132.4030, 45.6503,
-35.4334

■ 67.9140, 77.4434,
-59.5606

■ 147.7860, 38.0665,
-29.6303

■ 163.4680, 30.3353,
-23.2124

■ 179.1500, 22.6040,
-16.7946

■ 195.1200, 14.7308,
-11.5062

■ 210.5030, 7.1470,
-5.7031

■ 226.1850, -0.5842,
0.7148

■ 242.1550, -8.4574,
6.0031

Harmonies

Analogous

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



99.1220, 65.0159, -86.9300



100.7510, 61.2548, -47.1396



112.2480, 37.8387, 43.6325

Triad

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



100.7510, 61.2548, -47.1396



101.3990, -45.0597, 79.4571



89.9780, -0.4822, -78.9107

Complementary

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



100.7510, 61.2548, -47.1396



171.2490, -61.2548, 47.1396

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.



79.2910, -28.7375, -69.5382



100.7510, 61.2548, -47.1396



105.0230, -51.7763, 40.3218

Square

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



100.7510, 61.2548, -47.1396



93.2550, -9.4927, 105.0164



99.1440, -48.8780, -2.7573



97.7470, 26.7467, -85.7241

Rectangle

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



100.7510, 61.2548, -47.1396



103.0480, 24.6263, 81.5189



99.1440, -48.8780, -2.7573



86.4100, -9.0761, -75.7816

Sweetspot

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



100.7510, 61.2548, -47.1396



212.1070, 21.1462, -15.8798



165.0520, 0.4674, -103.5316



101.6750, 12.9782, -9.3620



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.



100.7510, 61.2548, -47.1396



85.7870, 83.4220, -63.8342



76.2620, 73.3278, 0.6472



104.6020, 3.6472, -3.1590



52.9360, 60.6706, -46.4249



14.8640, 16.3360, -13.0357

Inverse Universe

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



106.7200, -1.3410, 103.7316



94.1360, -2.0390, 141.0777



195.7380, -73.3278, -0.6472



104.7450, 0.1257, 6.3626



59.0080, -1.4829, 102.6020



16.1760, -0.0868, 27.9096

Previews

White Background



This preview shows how the YUV color 100.7510, 61.2548, -47.1396 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 100.7510, 61.2548, -47.1396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

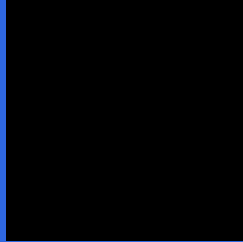
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.7510, 61.2548, -47.1396

Background



This preview shows how black text looks on a background with the YUV color 100.7510, 61.2548, -47.1396.



This preview shows how white text looks on a background with the YUV color 100.7510, 61.2548, -47.1396.

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

100.7510, 61.2548, -47.1396

Protanopia

87.9860, 68.0409, -77.1637

Deuteranopia

88.5610, 52.4744, -77.6680



Tritanopia

87.1350, 21.6254, -76.4174

Trichromacy



Original Color

100.7510, 61.2548, -47.1396

Protanomaly

92.4820, 65.8244, -66.1977

Deuteranomaly

93.1370, 55.6415, -66.7721

Tritanomaly

91.9850, 35.9964, -65.7618

Monochromacy



Original Color

100.7510, 61.2548, -47.1396

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.7370, 22.3147, -17.3093

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.7510, 61.2548, -47.1396 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, 104, 225)` looks like.

```
.text, #text, p{  
    color:rgb(47, 104, 225)  
}
```

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, 104, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 104, 225) }
```

Border

The CSS property to change the border of an element to YUV 100.7510, 61.2548, -47.1396 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

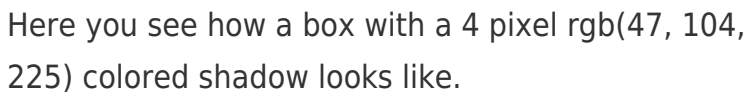
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(47, 104, 225) }
```


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

```
.border{ border-color:rgb(47, 104, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(47, 104, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(47, 104, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(47, 104, 225); box-shadow:4px 4px 4px 4px rgb(47, 104, 225) }
```

Background

The CSS property to change the background color of an element to YUV 100.7510, 61.2548, -47.1396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 104, 225) }
```

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

```
.background{ background-color: rgb(47, 104,  
225) }
```

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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