

Converting Colors

YUV(99.9210, 36.5209,
-47.2887)

Have a look what the booklet for
YUV(99.9210, 36.5209, -47.2887)
contains.

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Color

**YUV(99.9210, 36.5209,
-47.2887)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 2E71AE |
| RGB | 46, 113, 174 |
| RGB Percent | 18%, 44%, 68% |
| CMY | 0.8196, 0.5569, 0.3176 |
| CMYK | 0.74, 0.35, 0.00, 0.32 |
| HSL | 209°, 58%, 43% |
| HSV | 209°, 74%, 68% |
| XYZ | 14.6718, 15.4471, 42.2527 |
| YIQ | 99.9210, -59.5130, 4.7670 |

Conversions

Conversions Part 2

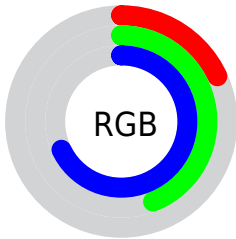
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 46, 90, 174 |
| Decimal | 3043758 |
| CIELab | 46.24, -0.06, -38.57 |
| CIELCh | 46, 38.568, 269.908 |
| Yxy | 15.4471, 0.2027, 0.2134 |
| Android (android.graphics.Color) | 4281233838 (0xFF2E71AE) |
| YUV | 99.9210, 36.5209, -47.2887 |
| Hunter-Lab | 39.3028, -2.1454, -36.2281 |

Details

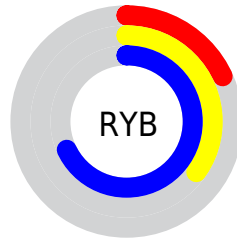
The YUV color **99.9210, 36.5209, -47.2887** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **120.0790, -36.5209, 47.2887**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.7800, 37.0835, -41.0261**, and **52.5360, 33.7528, -46.0741** is the 20% darker color. If you saturate the color by 10%, you get **90.1420, 41.3420, -53.6215**, and if you desaturate by 10%, it is **109.7000, 31.6999, -40.9559**.

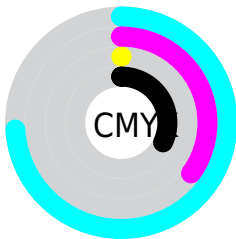
Distribution



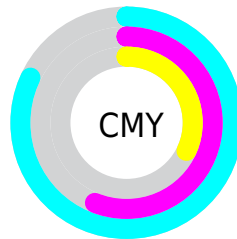
- Red (18%)
- Green (44%)
- Blue (68%)



- Red (18%)
- Yellow (35%)
- Blue (68%)



- Cyan (74%)
- Magenta (35%)
- Yellow (0%)
- Black (32%)



- Cyan (82%)
- Magenta (56%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.9210, 36.5209, -47.2887 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 99.9210, 36.5209, -47.2887 by changing the saturation by 10% instead.

■ 99.9210, 36.5209,
-47.2887

■ 99.9210, 36.5209,
-47.2887

■ 255.0000, 0.0000,
0.0000

■ 69.0010, 38.4535,
-60.5139

■ 154.7800, 37.0835,
-41.0261

■ 52.5360, 33.7528,
-46.0741

■ 182.1500, 35.9151,
-39.5965

■ 36.7720, 29.1994,
-32.2490

■ 207.2570, 23.5373,
-36.1824

■ 22.2960, 24.5041,
-19.5536

■ 232.9510, 10.8702,
-33.2830

■ 7.9340, 20.2455,
-6.9581

■ 246.0300, 4.4222,
-18.4433

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 99.9210, 36.5209,
-47.2887

■ 99.9210, 36.5209,
-47.2887

■ 90.1420, 41.3420,
-53.6215

■ 109.7000, 31.6999,
-40.9559

■ 79.4770, 46.5998,
-60.0543

■ 120.3650, 26.4421,
-34.5231

■ 73.2530, 49.6683,
-64.2429

■ 130.1440, 21.6210,
-28.1903

■ 140.2220, 16.6526,
-21.2427

■ 150.0010, 11.8315,
-14.9099

■ 160.3670, 6.7211,
-9.0919

■ 170.4450, 1.7526,
-2.1443

■ 180.2240, -3.0684,
4.1886

■ 190.8890, -8.3263,
10.6213

Harmonies

Analogous

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



89.8370, 37.0554, -78.7870



99.9210, 36.5209, -47.2887



111.4000, 26.9178, -0.3508

Triad

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



99.9210, 36.5209, -47.2887



109.1330, -14.8556, 51.6264



96.7120, -10.2110, -38.3354

Complementary

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



99.9210, 36.5209, -47.2887



120.0790, -36.5209, 47.2887

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.



103.1970, -25.7331, -6.3118



99.9210, 36.5209, -47.2887



108.5540, -26.8951, 39.8561

Square

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



99.9210, 36.5209, -47.2887



111.0200, -0.0099, 49.9715



106.4560, -31.7768, 18.8941



86.2740, 10.7109, -75.6623

Rectangle

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



99.9210, 36.5209, -47.2887



113.3660, 18.5536, 22.4810



106.4560, -31.7768, 18.8941



99.1820, -16.3587, -26.4696

Sweetspot

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



99.9210, 36.5209, -47.2887



197.9620, 14.3157, -18.3837



127.9760, -10.8342, -71.8930



97.8120, 8.4737, -11.2361



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



99.9210, 36.5209, -47.2887



111.4350, 56.9735, -74.0495



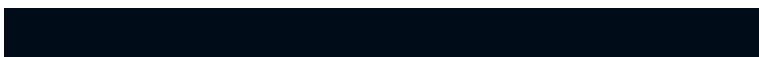
62.9400, 54.7526, -14.8564



81.9610, 2.4842, -3.4738



63.4730, 42.6578, -55.6658



9.6660, 6.5737, -8.4771

Inverse Universe

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



91.9100, 10.3974, 71.9929



98.7700, 16.3824, 112.4577



157.0600, -54.7526, 14.8564



81.2610, 0.8573, 5.0331



53.8560, 12.3960, 84.3183



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 99.9210, 36.5209, -47.2887 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 99.9210, 36.5209, -47.2887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

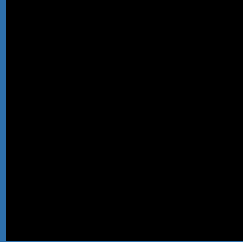
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.9210, 36.5209, -47.2887

Background



This preview shows how black text looks on a background with the YUV color 99.9210, 36.5209, -47.2887.



This preview shows how white text looks on a background with the YUV color 99.9210, 36.5209,

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

99.9210, 36.5209, -47.2887

Protanopia

108.0880, 30.0296, -18.4942

Deuteranopia

105.1620, 34.4301, -29.9601



Tritanopia

85.9610, 22.2042, -75.3878

Trichromacy



Original Color

99.9210, 36.5209, -47.2887

Protanomaly

105.0050, 32.5355, -28.9454

Deuteranomaly

103.0580, 35.4674, -36.0079

Tritanomaly

91.1070, 27.5552, -64.9918

Monochromacy



Original Color

99.9210, 36.5209, -47.2887

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.0330, 13.2947, -17.5689

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.9210, 36.5209, -47.2887 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(46, 113, 174)` looks like.

```
.text, #text, p{  
    color:rgb(46, 113, 174)  
}
```

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(46, 113, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 113, 174) }
```

Border

The CSS property to change the border of an element to YUV 99.9210, 36.5209, -47.2887 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(46, 113, 174) }
```


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

```
.border{ border-color:rgb(46, 113, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 113, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 113, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 113, 174);  
box-shadow:4px 4px 4px 4px rgb(46, 113,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 99.9210, 36.5209, -47.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 113, 174) }
```

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

```
.background{ background-color: rgb(46, 113,  
174) }
```

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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