

Converting Colors

YUV(91.4910, 42.1559,
-34.6336)

Have a look what the booklet for
YUV(91.4910, 42.1559, -34.6336)
contains.

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Color

**YUV(91.4910, 42.1559,
-34.6336)**

Conversions

Conversions Part 1

Format	Color
Hex	345FB1
RGB	52, 95, 177
RGB Percent	20%, 37%, 69%
CMY	0.7961, 0.6275, 0.3059
CMYK	0.71, 0.46, 0.00, 0.31
HSL	219°, 55%, 45%
HSV	219°, 71%, 69%
XYZ	13.4442, 12.0888, 43.2198
YIQ	91.4910, -51.9500, 16.3860

Conversions

Conversions Part 2

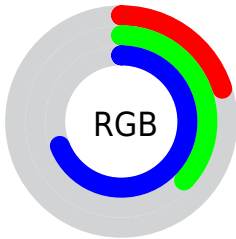
Format	Color
R_{YB}	52, 84, 177
Decimal	3432369
CIE _{Lab}	41.36, 13.29, -48.09
CIE _{LCh}	41, 49.895, 285.446
Yxy	12.0888, 0.1955, 0.1758
Android (android.graphics.Color)	4281622449 (0xFF345FB1)
YUV	91.4910, 42.1559, -34.6336
Hunter-Lab	34.7690, 8.1753, -49.3625

Details

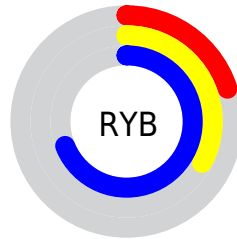
The YUV color **91.4910, 42.1559, -34.6336** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **137.5090, -42.1559, 34.6336**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.4640, 43.1552, -28.4709**, and **43.4860, 39.6934, -38.1372** is the 20% darker color. If you saturate the color by 10%, you get **79.0650, 48.2820, -39.5220**, and if you desaturate by 10%, it is **103.9170, 36.0299, -29.7452**.

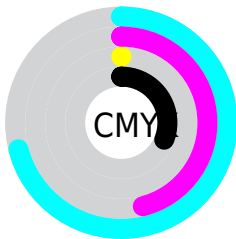
Distribution



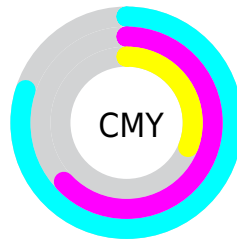
- Red (20%)
- Green (37%)
- Blue (69%)



- Red (20%)
- Yellow (33%)
- Blue (69%)



- Cyan (71%)
- Magenta (46%)
- Yellow (0%)
- Black (31%)



- Cyan (80%)
- Magenta (63%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.4910, 42.1559, -34.6336 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 91.4910, 42.1559, -34.6336 by changing the saturation by 10% instead.

■ 91.4910, 42.1559,
-34.6336

■ 91.4910, 42.1559,
-34.6336

■ 255.0000, 0.0000,
0.0000

■ 59.6630, 44.5361,
-51.4475

■ 145.4640, 43.1552,
-28.4709

■ 43.4860, 39.6934,
-38.1372

■ 171.9050, 40.9658,
-26.2267

■ 28.7820, 34.1245,
-25.2418

■ 197.0120, 28.5881,
-22.8125

■ 10.1970, 31.4549,
-8.9428

■ 221.5320, 16.4997,
-18.8836

■ 8.0480, 20.6823,
-7.0581

■ 247.5250, 3.6852,
-15.3694

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,

0.0000

■ 91.4910, 42.1559,
-34.6336

■ 91.4910, 42.1559,
-34.6336

■ 79.0650, 48.2820,
-39.5220

■ 103.9170, 36.0299,
-29.7452

■ 67.5250, 53.9712,
-44.3104

■ 115.4570, 30.3407,
-24.9568

■ 55.9850, 59.6604,
-49.0988

■ 127.8830, 24.2147,
-20.0684

■ 139.7220, 18.3781,
-14.6652

■ 151.8490, 12.3994,
-10.3916

■ 164.2750, 6.2734,
-5.5032

■ 176.1140, 0.4368,
-0.1000

■ 188.5400, -5.6892,
4.7884

■ 200.6670,
-11.6678, 9.0620

Harmonies

Analogous

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



83.5740, 46.0590, -73.2944



91.4910, 42.1559, -34.6336



100.6570, 27.2841, 22.2258

Triad

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



91.4910, 42.1559, -34.6336



94.0770, -26.6600, 57.8145



76.0550, -0.5201, -66.7002

Complementary

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



91.4910, 42.1559, -34.6336



137.5090, -42.1559, 34.6336

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.



83.7980, -24.0574, -30.5178



91.4910, 42.1559, -34.6336



92.2920, -43.0350, 36.5779

Square

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



91.4910, 42.1559, -34.6336



93.4800, -7.6316, 67.9850



88.8770, -43.8164, 7.1239



82.1310, 17.6834, -72.0289

Rectangle

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



91.4910, 42.1559, -34.6336



98.0640, 16.7304, 47.3019



88.8770, -43.8164, 7.1239



73.9860, -5.9091, -64.8857

Sweetspot

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



91.4910, 42.1559, -34.6336



196.5650, 16.4835, -13.6505



134.6090, -0.7932, -72.4481



95.1760, 9.7732, -8.0474



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.



91.4910, 42.1559, -34.6336



96.2600, 65.9338, -54.6020



71.9310, 51.7990, -0.8165



82.7870, 3.0630, -2.4442



48.5530, 51.4924, -42.5810



8.2470, 8.7522, -7.2326

Inverse Universe

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



94.2770, 0.3564, 72.5481



100.3560, 0.8105, 113.6978



157.0690, -51.7990, 0.8165



83.0330, -0.0163, 5.2331



51.7890, 0.5970, 88.7620



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 91.4910, 42.1559, -34.6336 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 91.4910, 42.1559, -34.6336 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 91.4910, 42.1559, -34.6336

Background



This preview shows how black text looks on a background with the YUV color 91.4910, 42.1559, -34.6336.



This preview shows how white text looks on a background with the YUV color 91.4910, 42.1559,

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

91.4910, 42.1559, -34.6336

Protanopia

92.2850, 41.2715, -30.9449

Deuteranopia

78.0630, 47.7899, -68.4613



Tritanopia

76.6200, 19.4143, -67.1957

Trichromacy



Original Color

91.4910, 42.1559, -34.6336

Protanomaly

91.6870, 41.5663, -32.1745

Deuteranomaly

83.2710, 45.7154, -56.3657

Tritanomaly

81.8740, 27.6701, -55.1405

Monochromacy



Original Color

91.4910, 42.1559, -34.6336

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.9350, 15.3150, -12.2210

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.4910, 42.1559, -34.6336 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(52, 95, 177)` looks like.

```
.text, #text, p{  
    color:rgb(52, 95, 177)  
}
```

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(52, 95, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 95, 177) }
```

Border

The CSS property to change the border of an element to YUV 91.4910, 42.1559, -34.6336 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(52, 95, 177) }
```


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

```
.border{ border-color:rgb(52, 95, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 95, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 95, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 95, 177);  
box-shadow:4px 4px 4px 4px rgb(52, 95,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 91.4910, 42.1559, -34.6336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 95, 177) }
```

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

```
.background{ background-color: rgb(52, 95,  
177) }
```

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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