

Converting Colors

YUV(91.0590, -36.5111, -2.6827)

Have a look what the booklet for
YUV(91.0590, -36.5111, -2.6827)
contains.

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Color

**YUV(91.0590, -36.5111,
-2.6827)**

Conversions

Conversions Part 1

Format	Color
Hex	586B11
RGB	88, 107, 17
RGB Percent	35%, 42%, 7%
CMY	0.6549, 0.5804, 0.9333
CMYK	0.18, 0.00, 0.84, 0.58
HSL	73°, 73%, 24%
HSV	73°, 84%, 42%
XYZ	9.3834, 12.6306, 2.4737
YIQ	91.0590, 17.5660, -32.0180

Conversions

Conversions Part 2

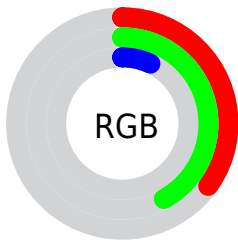
Format	Color
RYB	17, 107, 36
Decimal	5794577
CIELab	42.20, -19.78, 43.70
CIELCh	42, 47.970, 114.352
Yxy	12.6306, 0.3832, 0.5158
Android (android.graphics.Color)	4283984657 (0xFF586B11)
YUV	91.0590, -36.5111, -2.6827
Hunter-Lab	35.5395, -15.0654, 20.7508

Details

The YUV color **91.0590, -36.5111, -2.6827** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **32.9410, 36.5111, 2.6827**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.7710, -36.3691, -1.5532**, and **46.8810, -23.1123, -6.9116** is the 20% darker color. If you saturate the color by 10%, you get **89.2070, -41.0211, -2.8125**, and if you desaturate by 10%, it is **92.9110, -32.0011, -2.5529**.

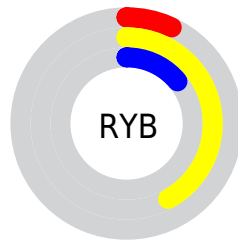
Distribution



Red (35%)

Green (42%)

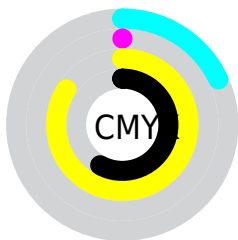
Blue (7%)



Red (7%)

Yellow (42%)

Blue (14%)

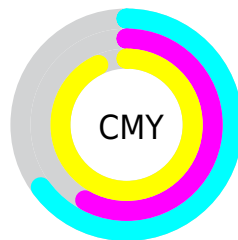


Cyan (18%)

Magenta (0%)

Yellow (84%)

Black (58%)



Cyan (65%)

Magenta (58%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.0590, -36.5111, -2.6827 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 91.0590, -36.5111, -2.6827 by changing the saturation by 10% instead.

91.0590, -36.5111,
-2.6827

91.0590, -36.5111,
-2.6827

255.0000, 0.0000,
0.0000

67.5580, -33.3061,
-3.9974

142.7710,
-36.3691, -1.5532

46.8810, -23.1123,
-6.9116

169.6570,
-36.8059, -1.4532

26.1930, -12.9131,
-11.5703

197.3150,
-38.1163, -1.1533

8.2180, -4.0515,
-7.2072

225.5000,
-38.7005, -0.4385

0.0000, 0.0000,
0.0000

245.4670,
-35.2332, 7.4834

248.9580,

-23.1503, 5.2988

■ 252.2640,
-10.4832, 2.3995

■ 91.0590, -36.5111,
-2.6827

■ 91.0590, -36.5111,
-2.6827

■ 89.2070, -41.0211,
-2.8125

■ 92.9110, -32.0011,
-2.5529

■ 87.9250, -43.3470,
-3.4422

■ 94.9480, -28.0754,
-1.7084

■ 96.8000, -23.5654,
-1.5786

■ 98.6520, -19.0554,
-1.4488

■ 100.3900,
-14.9823, -1.2190

■ 102.5410,
-10.6197, -0.4745

■ 104.3930, -6.1097,
-0.3447

■ 106.2450, -1.5998,
-0.2149

■ 107.9830, 2.4734,
0.0149

Harmonies

Analogous

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



94.2370, -43.0078, 27.8562



91.0590, -36.5111, -2.6827



82.3000, -15.4309, -44.1131

Triad

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



91.0590, -36.5111, -2.6827



86.0870, 37.9181, -75.4983



97.8670, 5.4886, 59.7526

Complementary

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



91.0590, -36.5111, -2.6827



32.9410, 36.5111, 2.6827

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.



102.5290, 21.4312, 32.8621



91.0590, -36.5111, -2.6827



82.5140, 47.0746, -72.3648

Square

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



91.0590, -36.5111, -2.6827



84.2000, 23.0724, -73.8434



99.0270, 35.9757, -12.3017



96.2640, -13.4412, 64.6665

Rectangle

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



91.0590, -36.5111, -2.6827



77.4570, -0.2253, -67.9298



99.0270, 35.9757, -12.3017



99.3160, 11.1832, 53.2199

Sweetspot

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



91.0590, -36.5111, -2.6827



133.9170, -14.2561, -0.8042



54.4760, -18.4757, 46.0635



67.4100, -8.5831, -0.3596



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



91.0590, -36.5111, -2.6827



115.3690, -56.8769, -3.8316



77.9030, -30.0252, -29.7329



52.7180, -2.3260, -0.6297



96.4860, -47.5676, -3.0572



201.5220, -99.3503, -7.4738

Inverse Universe

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



32.9410, 36.5111, 2.6827



24.9300, 56.7295, 4.4464



46.0970, 30.0252, 29.7329



48.9830, 2.4734, 0.0149



20.8130, 47.4202, 3.6720



43.4780, 99.3503, 7.4738

Previews

White Background



This preview shows how the YUV color 91.0590, -36.5111, -2.6827 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 91.0590, -36.5111, -2.6827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

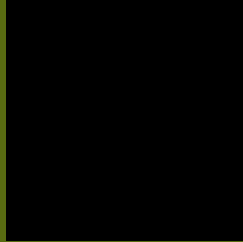
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.0590, -36.5111, -2.6827

Background



This preview shows how black text looks on a background with the YUV color 91.0590, -36.5111, -2.6827.



This preview shows how white text looks on a background with the YUV color 91.0590, -36.5111, -2.6827.

-2.6827.

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

91.0590, -36.5111, -2.6827

Protanopia

93.8980, -38.8967, 15.8755

Deuteranopia

95.4030, -34.7087, 25.9566



Tritanopia

99.9010, 3.4998, -2.5442

Trichromacy



Original Color

91.0590, -36.5111, -2.6827

Protanomaly

93.0820, -38.0014, 8.6981

Deuteranomaly

94.1090, -35.5497, 15.6904

Tritanomaly

97.0030, -11.3405, -2.6336

Monochromacy



Original Color

91.0590, -36.5111, -2.6827

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.1450, -13.3825, -1.0042

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.0590, -36.5111, -2.6827 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(88, 107, 17)` looks like.

```
.text, #text, p{  
    color:rgb(88, 107, 17)  
}
```

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(88, 107, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 107, 17) }
```

Border

The CSS property to change the border of an element to YUV 91.0590, -36.5111, -2.6827 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(88, 107, 17) }
```


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

```
.border{ border-color:rgb(88, 107, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 107, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 107, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 107, 17);  
box-shadow:4px 4px 4px 4px rgb(88, 107,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 91.0590, -36.5111, -2.6827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 107, 17) }
```

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

```
.background{ background-color: rgb(88, 107,  
17) }
```

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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