

Converting Colors

YUV(66.1910, 84.2088,
-36.1245)

Have a look what the booklet for
YUV(66.1910, 84.2088, -36.1245)
contains.

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Color

**YUV(66.1910, 84.2088,
-36.1245)**

Conversions

Conversions Part 1

Format	Color
Hex	1936ED
RGB	25, 54, 237
RGB Percent	10%, 21%, 93%
CMY	0.9020, 0.7882, 0.0706
CMYK	0.89, 0.77, 0.00, 0.07
HSL	232°, 85%, 51%
HSV	232°, 89%, 93%
XYZ	17.0061, 8.9594, 80.9538
YIQ	66.1910, -76.0270, 50.7650

Conversions

Conversions Part 2

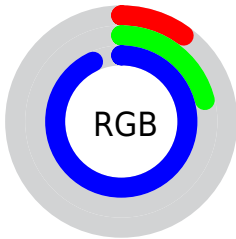
Format	Color
R_{YB}	25, 51, 237
Decimal	1652461
CIE _{Lab}	35.91, 58.01, -91.69
CIE _{LCh}	36, 108.503, 302.322
Yxy	8.9594, 0.1591, 0.0838
Android (android.graphics.Color)	4279842541 (0xFF1936ED)
YUV	66.1910, 84.2088, -36.1245
Hunter-Lab	29.9323, 49.0338, -139.4009

Details

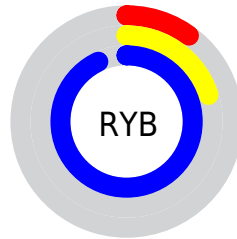
The YUV color **66.1910, 84.2088, -36.1245** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **195.8090, -84.2088, 36.1245**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.8130, 64.1822, -5.9750**, and **23.9280, 76.4505, -20.9849** is the 20% darker color. If you saturate the color by 10%, you get **47.2750, 93.5344, -40.5832**, and if you desaturate by 10%, it is **85.1070, 74.8832, -31.6658**.

Distribution



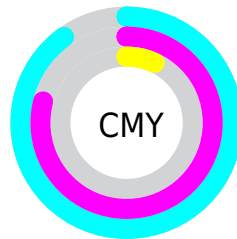
- Red (10%)
- Green (21%)
- Blue (93%)



- Red (10%)
- Yellow (20%)
- Blue (93%)



- Cyan (89%)
- Magenta (77%)
- Yellow (0%)
- Black (7%)



- Cyan (90%)
- Magenta (79%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.1910, 84.2088, -36.1245 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 66.1910, 84.2088, -36.1245 by changing the saturation by 10% instead.

■ 66.1910, 84.2088,
-36.1245

■ 66.1910, 84.2088,
-36.1245

255.0000, 0.0000,
0.0000

■ 41.3220, 82.1723,
-36.2394

■ 124.8130, 64.1822,
-5.9750

■ 23.9280, 76.4505,
-20.9849

■ 150.2410, 51.6462,
1.5426

■ 17.3280, 66.3933,
-15.1967

■ 175.6580, 39.1156,
7.3159

■ 14.2500, 54.5998,
-12.4972

■ 201.0750, 26.5850,
13.0892

■ 19.9770, 38.4653,
-17.5198

■ 227.0790, 13.7651,
18.3477

■ 13.7190, 29.7185,
-12.0316

■ 246.1950, 4.3409,

■ 8.0480, 20.6823,

7.7220

-7.0581

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 66.1910, 84.2088,
-36.1245

■ 66.1910, 84.2088,
-36.1245

■ 47.2750, 93.5344,
-40.5832

■ 85.1070, 74.8832,
-31.6658

■ 45.8020, 94.2606,
-40.1684

■ 104.3110, 65.4157,
-28.3367

■ 123.2270, 56.0901,
-23.8781

■ 142.7300, 46.4751,
-19.9342

■ 161.3470, 37.2969,
-16.0903

■ 180.8500, 27.6820,
-12.1464

■ 199.7660, 18.3564,
-7.6878

■ 219.2690, 8.7414,
-3.7439

■ 237.8860, -0.4368,
0.1000

Harmonies

Analogous

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



87.1830, 82.7338, -76.4595



66.1910, 84.2088, -36.1245



74.4670, 46.1118, 96.9374

Triad

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



66.1910, 84.2088, -36.1245



68.9940, -34.0140, 83.3203



76.0040, 6.9000, -66.6555

Complementary

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



66.1910, 84.2088, -36.1245



195.8090, -84.2088, 36.1245

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.



63.9830, -31.5436, -56.1131



66.1910, 84.2088, -36.1245



79.1970, -39.0441, 16.4902

Square

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



66.1910, 84.2088, -36.1245



62.4910, -30.8081, 128.4884



60.4610, -29.8073, -53.0243



87.2100, 44.7595, -76.4832

Rectangle

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



66.1910, 84.2088, -36.1245



76.9390, 16.7921, 121.0795



60.4610, -29.8073, -53.0243



71.8830, -6.3513, -63.0414

Sweetspot

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



66.1910, 84.2088, -36.1245



199.7360, 27.2452, -12.0465



169.9640, 17.2727, -127.1334



94.6090, 16.4618, -6.6731



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.



66.1910, 84.2088, -36.1245



49.6150, 101.2548, -43.5124



71.2940, 81.6931, 24.2982



107.8410, 4.5154, -1.6146



35.3090, 71.8257, -30.9660



10.2650, 21.5614, -9.0024

Inverse Universe

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



91.6940, -18.5831, 127.4334



80.2350, -22.3009, 153.2689



190.7060, -81.6931, -24.2982



109.4030, -1.1847, 6.6626



56.9690, -15.7607, 108.7752



16.9440, -4.9024, 32.4981

Previews

White Background



This preview shows how the YUV color 66.1910, 84.2088, -36.1245 looks on a white background.

Color Contrast Check

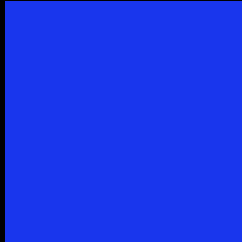
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 66.1910, 84.2088, -36.1245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 66.1910, 84.2088, -36.1245 Background



This preview shows how black text looks on a background with the YUV color 66.1910, 84.2088, -36.1245.



This preview shows how white text looks on a background with the YUV color 66.1910, 84.2088, -36.1245.

-36.1245.

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

66.1910, 84.2088, -36.1245

Protanopia

66.9270, 50.8150, -58.6950

Deuteranopia

66.8980, 38.0113, -58.6695



Tritanopia

65.7630, 15.8928, -57.6742

Trichromacy



Original Color

66.1910, 84.2088, -36.1245

Protanomaly

66.4840, 62.8654, -50.4135

Deuteranomaly

66.4210, 55.0084, -50.3582

Tritanomaly

66.0500, 40.8944, -50.0328

Monochromacy



Original Color

66.1910, 84.2088, -36.1245

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.2350, 30.4501, -13.3611

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.1910, 84.2088, -36.1245 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(25, 54, 237)` looks like.

```
.text, #text, p{  
    color:rgb(25, 54, 237)  
}
```

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(25, 54, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 54, 237) }
```

Border

The CSS property to change the border of an element to YUV 66.1910, 84.2088, -36.1245 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(25, 54, 237) }
```


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

```
.border{ border-color:rgb(25, 54, 237) }
```

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

Here you see how a box with a 4 pixel rgb(25, 54, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 54, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 54, 237);  
box-shadow:4px 4px 4px 4px rgb(25, 54,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 66.1910, 84.2088, -36.1245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 54, 237) }
```

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

```
.background{ background-color: rgb(25, 54,  
237) }
```

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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