

Converting Colors

YUV(168.4510, 36.2597,
-10.0425)

Have a look what the booklet for
YUV(168.4510, 36.2597, -10.0425)
contains.

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Color

**YUV(168.4510, 36.2597,
-10.0425)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA0F2
RGB	157, 160, 242
RGB Percent	62%, 63%, 95%
CMY	0.3843, 0.3725, 0.0510
CMYK	0.35, 0.34, 0.00, 0.05
HSL	238°, 77%, 78%
HSV	238°, 35%, 95%
XYZ	42.5024, 38.7205, 89.2381
YIQ	168.4510, -28.1100, 24.8660

Conversions

Conversions Part 2

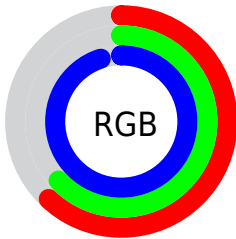
Format	Color
R _Y B	157, 160, 242
Decimal	10330354
CIE Lab	68.55, 17.92, -41.39
CIE LCh	69, 45.105, 293.407
Yxy	38.7205, 0.2493, 0.2272
Android (android.graphics.Color)	4288520434 (0xFF9DA0F2)
YUV	168.4510, 36.2597, -10.0425
Hunter-Lab	62.2258, 13.0267, -41.4698

Details

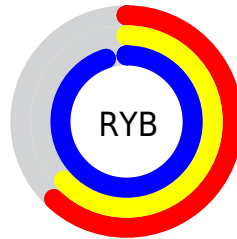
The YUV color $168.4510, 36.2597, -10.0425$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $230.5490, -36.2597, 10.0425$, and the grayscale version is $168.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $219.2610, 17.6193, -4.6139$, and $115.5710, 34.2285, -11.9018$ is the 20% darker color. If you saturate the color by 10%, you get $147.7740, 46.4534, -12.9568$, and if you desaturate by 10%, it is $189.1280, 26.0659, -7.1283$.

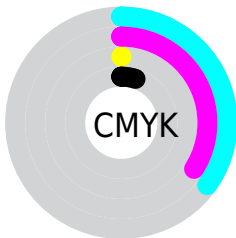
Distribution



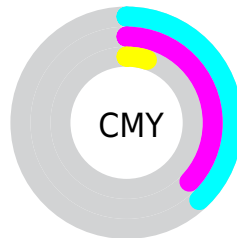
- Red (62%)
- Green (63%)
- Blue (95%)



- Red (62%)
- Yellow (63%)
- Blue (95%)



- Cyan (35%)
- Magenta (34%)
- Yellow (0%)
- Black (5%)



- Cyan (38%)
- Magenta (37%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.4510, 36.2597, -10.0425 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 168.4510, 36.2597, -10.0425 by changing the saturation by 10% instead.

■ 168.4510, 36.2597,
-10.0425

■ 168.4510, 36.2597,
-10.0425

255.0000, 0.0000,
0.0000

■ 141.5110, 35.2441,
-10.9721

■ 219.2610, 17.6193,
-4.6139

■ 115.5710, 34.2285,
-11.9018

■ 244.3680, 5.2416,
-1.1997

■ 89.7450, 33.6497,
-12.9314

■ 64.9080, 33.0764,
-15.7053

■ 39.4510, 32.8087,
-23.1975

■ 20.9740, 29.5928,
-18.3942

■ 6.6120, 25.3343,

-5.7987

■ 5.1640, 14.7091,
-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 168.4510, 36.2597,
-10.0425

■ 168.4510, 36.2597,
-10.0425

■ 147.7740, 46.4534,
-12.9568

■ 189.1280, 26.0659,
-7.1283

■ 126.5100, 56.9366,
-15.3563

■ 210.3920, 15.5827,
-4.7288

■ 105.5340, 67.2777,
-18.8853

■ 231.3680, 5.2416,
-1.1997

■ 84.8570, 77.4715,
-21.7996

■ 252.0450, -4.9522,
1.7145

■ 63.5930, 87.9547,
-24.1991

■ 253.5180, -5.6784,
1.2997

■ 42.9160, 98.1484,
-27.1133

■ 32.8710, 103.1006,
-28.8279

Harmonies

Analogous

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



154.0310, 46.3267, -65.8022



168.4510, 36.2597, -10.0425



172.2300, 21.5786, 32.2473

Triad

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



168.4510, 36.2597, -10.0425



166.8010, -31.4539, 55.4255



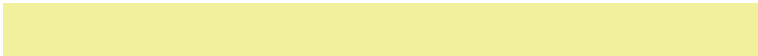
140.1000, 7.8387, -87.7877

Complementary

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



168.4510, 36.2597, -10.0425



230.5490, -36.2597, 10.0425

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.



154.2470, -18.3628, -37.0506



168.4510, 36.2597, -10.0425



164.5840, -39.2349, 31.0598

Square

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



168.4510, 36.2597, -10.0425



168.7050, -15.6306, 66.9107



160.8250, -34.9167, -0.7235



132.9280, 32.0805, -116.5779

Rectangle

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



168.4510, 36.2597, -10.0425



171.6750, 10.0202, 52.9050



160.8250, -34.9167, -0.7235



147.0010, -1.9725, -67.5299

Sweetspot

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



168.4510, 36.2597, -10.0425



230.7790, 11.9410, -3.3142



216.1290, 10.7824, -51.8561



113.5250, 7.1362, -2.2144



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.



168.4510, 36.2597, -10.0425



162.5460, 45.5798, -12.7568



178.0520, 31.5264, 14.8634



109.3680, 5.2416, -1.1997



24.4980, 78.6345, -21.4847



7.5580, 23.8819, -6.6284

Inverse Universe

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



182.7570, -11.2192, 51.9561



180.4490, -14.0254, 65.3812



220.9480, -31.5264, -14.8634



111.5880, -1.7689, 7.3773



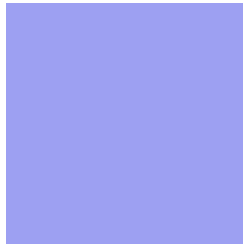
55.7000, -24.5021, 112.5191



16.9720, -7.3812, 34.2276

Previews

White Background



This preview shows how the YUV color 168.4510, 36.2597, -10.0425 looks on a white background.

Color Contrast Check

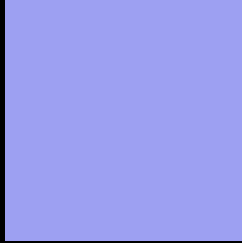
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 168.4510, 36.2597, -10.0425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

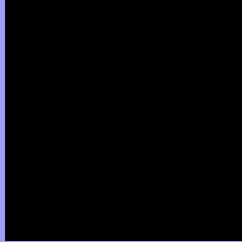
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.4510, 36.2597, -10.0425

Background



This preview shows how black text looks on a background with the YUV color 168.4510, 36.2597, -10.0425.



This preview shows how white text looks on a background with the YUV color 168.4510, 36.2597, -10.0425.

-10.0425.

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

168.4510, 36.2597, -10.0425

Protanopia

166.0580, 38.9184, -22.8529

Deuteranopia

166.1780, 36.8872, -24.7121



Tritanopia

164.5230, 10.0952, -17.9987

Trichromacy



Original Color

168.4510, 36.2597, -10.0425

Protanomaly

167.1510, 37.8866, -18.5494

Deuteranomaly

167.0970, 36.4342, -19.3791

Tritanomaly

166.0640, 19.6884, -14.9651

Monochromacy



Original Color

168.4510, 36.2597, -10.0425

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.1210, 13.2513, -3.6141

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.4510, 36.2597, -10.0425 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(157, 160, 242)` looks like.

```
.text, #text, p{  
    color:rgb(157, 160, 242)  
}
```

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(157, 160, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 160, 242) }
```

Border

The CSS property to change the border of an element to YUV 168.4510, 36.2597, -10.0425 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(157, 160, 242) }
```


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

```
.border{ border-color:rgb(157, 160, 242) }
```

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

Here you see how a box with a 4 pixel rgb(157, 160, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 160, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 160, 242);  
box-shadow:4px 4px 4px 4px rgb(157, 160,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 168.4510, 36.2597, -10.0425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 160, 242) }
```

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

```
.background{ background-color: rgb(157,  
160, 242) }
```

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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