

Converting Colors

YUV(164.6280, 44.5534,
-10.1978)

Have a look what the booklet for
YUV(164.6280, 44.5534, -10.1978)
contains.

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Color

**YUV(164.6280, 44.5534,
-10.1978)**

Conversions

Conversions Part 1

Format	Color
Hex	9999FF
RGB	153, 153, 255
RGB Percent	60%, 60%, 100%
CMY	0.4000, 0.4000, 0.0000
CMYK	0.40, 0.40, 0.00, 0.00
HSL	240°, 100%, 80%
HSV	240°, 40%, 100%
XYZ	42.5781, 36.7748, 99.4619
YIQ	164.6280, -32.7420, 31.7220

Conversions

Conversions Part 2

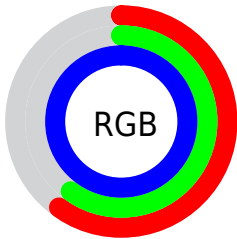
Format	Color
RYB	153, 153, 255
Decimal	10066431
CIELab	67.11, 24.35, -50.77
CIElCh	67, 56.307, 295.628
Yxy	36.7748, 0.2381, 0.2057
Android (android.graphics.Color)	4288256511 (0xFF9999FF)
YUV	164.6280, 44.5534, -10.1978
Hunter-Lab	60.6422, 19.2046, -54.7945

Details

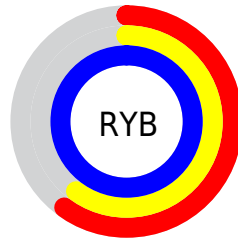
The YUV color **164.6280, 44.5534, -10.1978** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **243.3720, -44.5534, 10.1978**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.6680, 20.3767, -2.3398**, and **111.1500, 42.8170, -13.2866** is the 20% darker color. If you saturate the color by 10%, you get **142.4780, 55.4733, -12.6972**, and if you desaturate by 10%, it is **187.6640, 33.1966, -7.5983**.

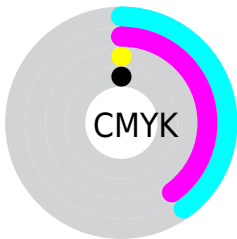
Distribution



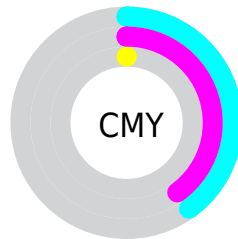
- Red (60%)
- Green (60%)
- Blue (100%)



- Red (60%)
- Yellow (60%)
- Blue (100%)



- Cyan (40%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.6280, 44.5534, -10.1978 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 164.6280, 44.5534, -10.1978 by changing the saturation by 10% instead.

■ 164.6280, 44.5534,
-10.1978

■ 164.6280, 44.5534,
-10.1978

255.0000, 0.0000,
0.0000

■ 137.6880, 43.5378,
-11.1274

■ 213.6680, 20.3767,
-2.3398

■ 111.1500, 42.8170,
-13.2866

■ 238.7750, 7.9989,
1.0743

■ 85.4980, 41.6595,
-15.3457

■ 59.6390, 41.0970,
-21.6084

■ 33.2960, 41.2661,
-29.2006

■ 19.2930, 35.8446,
-16.9200

■ 7.7520, 29.7023,

-6.7985

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 164.6280, 44.5534,
-10.1978

■ 164.6280, 44.5534,
-10.1978

■ 142.4780, 55.4733,
-12.6972

■ 187.6640, 33.1966,
-7.5983

■ 119.4420, 66.8301,
-15.2966

■ 209.8140, 22.2767,
-5.0989

■ 97.2920, 77.7500,
-17.7961

■ 232.8500, 10.9200,
-2.4994

■ 74.2560, 89.1068,
-20.3955

■ 255.0000, 0.0000,
0.0000

■ 51.2200, 100.4635,
-22.9949

■ 29.0700, 111.3835,
-25.4944

Harmonies

Analogous

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



129.4470, 61.8976, -113.5250



164.6280, 44.5534, -10.1978



167.8600, 26.1980, 43.9728

Triad

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



164.6280, 44.5534, -10.1978



161.2770, -40.0696, 65.5321



127.9120, 12.8614, -112.1788

Complementary

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



164.6280, 44.5534, -10.1978



243.3720, -44.5534, 10.1978

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.



144.0940, -19.7663, -53.5794



164.6280, 44.5534, -10.1978



158.4460, -50.0129, 34.6889

Square

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



164.6280, 44.5534, -10.1978



161.7670, -19.6051, 81.7653



153.3270, -43.0522, -4.6718



133.8400, 35.5749, -117.3777

Rectangle

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



164.6280, 44.5534, -10.1978



166.2300, 11.7186, 68.2043



153.3270, -43.0522, -4.6718



125.2730, 5.2884, -109.8644

Sweetspot

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



164.6280, 44.5534, -10.1978



227.5340, 13.5407, -3.0993



224.5020, 15.0355, -62.7073



112.0520, 7.8624, -1.7996



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.



164.6280, 44.5534, -10.1978



146.9080, 53.2894, -12.1973



179.8770, 37.0356, 21.1559



116.4820, 5.6784, -1.2997



21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Inverse Universe

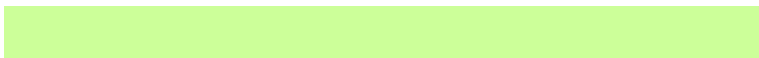
The Inverse Universe completely reimagines the original color for something new.



195.1260, 29.5179, 52.5095



183.3860, 35.3057, 62.8055



228.1230, -37.0356, -21.1559



120.3690, 3.7621, 6.6924



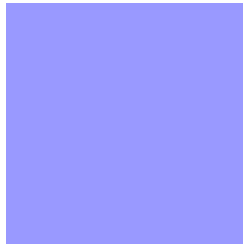
78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 164.6280, 44.5534, -10.1978 looks on a white background.

Color Contrast Check

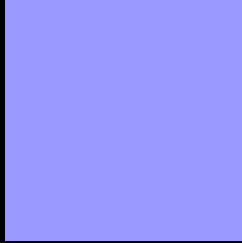
Large Text (above 18pt) WCAG AA × Fail

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 164.6280, 44.5534, -10.1978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

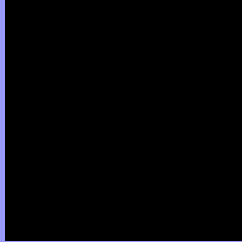
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.6280, 44.5534, -10.1978

Background



This preview shows how black text looks on a background with the YUV color 164.6280, 44.5534, -10.1978.



This preview shows how white text looks on a background with the YUV color 164.6280, 44.5534, -10.1978.

-10.1978.

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

164.6280, 44.5534, -10.1978

Protanopia

161.2620, 46.2128, -29.1708

Deuteranopia

159.5060, 46.0925, -37.2778



Tritanopia

160.3160, 10.6902, -22.2021

Trichromacy



Original Color

164.6280, 44.5534, -10.1978

Protanomaly

162.1920, 45.7543, -22.0934

Deuteranomaly

161.1590, 45.7706, -27.3264

Tritanomaly

161.9650, 23.1883, -17.5093

Monochromacy



Original Color

164.6280, 44.5534, -10.1978

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.2180, 16.1615, -3.6992

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.6280, 44.5534, -10.1978 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(153, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 153, 255)  
}
```

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(153, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 153, 255) }
```

Border

The CSS property to change the border of an element to YUV 164.6280, 44.5534, -10.1978 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(153, 153, 255) }
```


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

```
.border{ border-color:rgb(153, 153, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 153,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 164.6280, 44.5534, -10.1978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 153, 255) }
```

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

```
.background{ background-color: rgb(153,  
153, 255) }
```

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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