

Converting Colors

YUV(43.0780, 45.3175,
-21.9934)

Have a look what the booklet for
YUV(43.0780, 45.3175, -21.9934)
contains.

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Color

**YUV(43.0780, 45.3175,
-21.9934)**

Conversions

Conversions Part 1

Format	Color
Hex	122687
RGB	18, 38, 135
RGB Percent	7%, 15%, 53%
CMY	0.9294, 0.8510, 0.4706
CMYK	0.87, 0.72, 0.00, 0.47
HSL	230°, 76%, 30%
HSV	230°, 87%, 53%
XYZ	5.3157, 3.2641, 23.2715
YIQ	43.0780, -43.0570, 25.9270

Conversions

Conversions Part 2

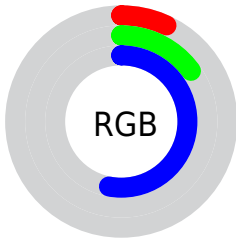
Format	Color
R_{YB}	18, 35, 135
Decimal	1189511
CIE _{Lab}	21.07, 31.42, -55.66
CIE _{LCh}	21, 63.916, 299.442
Yxy	3.2641, 0.1669, 0.1025
Android (android.graphics.Color)	4279379591 (0xFF122687)
YUV	43.0780, 45.3175, -21.9934
Hunter-Lab	18.0668, 20.9026, -63.7236

Details

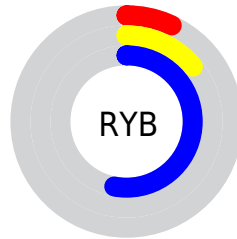
The YUV color **43.0780, 45.3175, -21.9934** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **109.9220, -45.3175, 21.9934**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.2800, 45.7110, -8.1386**, and **9.5760, 36.6910, -8.3982** is the 20% darker color. If you saturate the color by 10%, you get **32.4350, 50.5645, -24.9375**, and if you desaturate by 10%, it is **53.4220, 40.2180, -19.6641**.

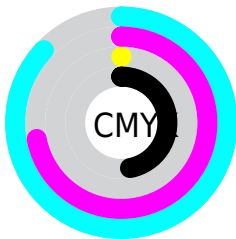
Distribution



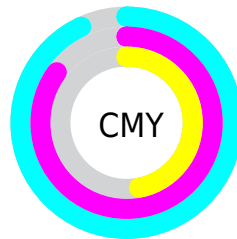
- Red (7%)
- Green (15%)
- Blue (53%)



- Red (7%)
- Yellow (14%)
- Blue (53%)



- Cyan (87%)
- Magenta (72%)
- Yellow (0%)
- Black (47%)



- Cyan (93%)
- Magenta (85%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.0780, 45.3175, -21.9934 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 43.0780, 45.3175, -21.9934 by changing the saturation by 10% instead.

■ 43.0780, 45.3175,
-21.9934

■ 43.0780, 45.3175,
-21.9934

■ 255.0000, 0.0000,
0.0000

■ 22.9920, 42.4019,
-20.1640

■ 96.2800, 45.7110,
-8.1386

■ 9.5760, 36.6910,
-8.3982

■ 122.3450, 47.1579,
-5.5646

■ 10.3620, 24.4715,
-9.0875

■ 149.1710, 47.7367,
-4.5350

■ 5.3920, 15.5827,
-4.7288

■ 174.1300, 39.8689,
-0.9910

■ 2.1830, 5.8258,
-1.9145

■ 198.6500, 27.7806,
2.9380

■ 0.0000, 0.0000,
0.0000

■ 223.7570, 15.4028,

6.3521

247.3690, 3.7621,
6.6924

43.0780, 45.3175,
-21.9934

43.0780, 45.3175,
-21.9934

32.4350, 50.5645,
-24.9375

53.4220, 40.2180,
-19.6641

28.8910, 52.3117,
-25.3374

64.0650, 34.9710,
-16.7200

74.9960, 29.5820,
-14.9055

85.6390, 24.3350,
-11.9614

96.2820, 19.0880,
-9.0173

■ 106.6260, 13.9884,
-6.6880

■ 117.2690, 8.7414,
-3.7439

■ 128.2000, 3.3524,
-1.9294

■ 138.5440, -1.7472,
0.3999

Harmonies

Analogous

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



51.5050, 47.5720, -45.1699



43.0780, 45.3175, -21.9934



41.8980, 28.6443, 52.7095

Triad

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



43.0780, 45.3175, -21.9934



43.1020, -21.2493, 49.0225



44.9150, 2.0139, -39.3905

Complementary

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



43.0780, 45.3175, -21.9934



109.9220, -45.3175, 21.9934

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.



38.1550, -18.8104, -33.4619



43.0780, 45.3175, -21.9934



47.8990, -23.6142, 14.1206

Square

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



43.0780, 45.3175, -21.9934



36.9340, -16.2365, 74.6029



37.0140, -18.2479, -27.1993



50.9740, 22.6908, -44.7042

Rectangle

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



43.0780, 45.3175, -21.9934



44.0450, 12.3028, 67.4895



37.0140, -18.2479, -27.1993



42.9770, -5.4117, -37.6908

Sweetspot

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



43.0780, 45.3175, -21.9934



139.9400, 17.7776, -8.7174



97.6230, 8.0739, -69.8294



67.4260, 10.6360, -4.7586



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



43.0780, 45.3175, -21.9934



37.6740, 68.1947, -33.0401



42.4010, 45.6513, 11.0493



61.2710, 2.3314, -1.1147



27.7340, 50.4171, -24.3227



0.3420, 1.3104, -0.2999

Inverse Universe

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



55.2630, -8.5107, 69.9293



56.0440, -12.8397, 105.2014



110.5990, -45.6513, -11.0493



61.9080, -0.4476, 3.5887



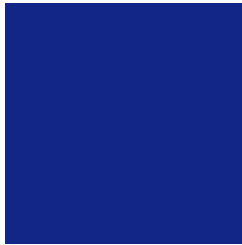
41.3780, -9.5534, 77.7215



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 43.0780, 45.3175, -21.9934 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 43.0780, 45.3175, -21.9934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

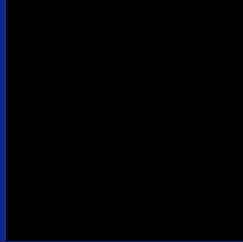
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.0780, 45.3175, -21.9934

Background



This preview shows how black text looks on a background with the YUV color 43.0780, 45.3175, -21.9934.



This preview shows how white text looks on a background with the YUV color 43.0780, 45.3175,

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

43.0780, 45.3175, -21.9934

Protanopia

40.6190, 31.2468, -35.6229

Deuteranopia

41.2570, 23.5373, -36.1824



Tritanopia

40.2990, 9.7126, -35.3422

Trichromacy



Original Color

43.0780, 45.3175, -21.9934

Protanomaly

41.6180, 36.1773, -30.3600

Deuteranomaly

42.3530, 31.3780, -31.0046

Tritanomaly

41.3610, 22.5000, -30.1346

Monochromacy



Original Color

43.0780, 45.3175, -21.9934

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.8970, 16.3198, -7.8027

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.0780, 45.3175, -21.9934 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(18, 38, 135)` looks like.

```
.text, #text, p{  
    color:rgb(18, 38, 135)  
}
```

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(18, 38, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 38, 135) }
```

Border

The CSS property to change the border of an element to YUV 43.0780, 45.3175, -21.9934 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(18, 38, 135) }
```


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

```
.border{ border-color:rgb(18, 38, 135) }
```

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

Here you see how a box with a 4 pixel rgb(18, 38, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 38, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 38, 135);  
box-shadow:4px 4px 4px 4px rgb(18, 38,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 43.0780, 45.3175, -21.9934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 38, 135) }
```

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

```
.background{ background-color: rgb(18, 38,  
135) }
```

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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