

Converting Colors

YUV(48.8550, 26.6935,
-21.7978)

Have a look what the booklet for
YUV(48.8550, 26.6935, -21.7978)
contains.

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Color

**YUV(48.8550, 26.6935,
-21.7978)**

Conversions

Conversions Part 1

Format	Color
Hex	183367
RGB	24, 51, 103
RGB Percent	9%, 20%, 40%
CMY	0.9059, 0.8000, 0.5961
CMYK	0.77, 0.50, 0.00, 0.60
HSL	219°, 62%, 25%
HSV	219°, 77%, 40%
XYZ	4.0087, 3.5411, 13.3042
YIQ	48.8550, -32.7840, 10.4480

Conversions

Conversions Part 2

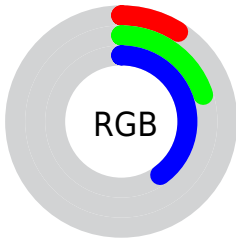
Format	Color
R_{YB}	24, 44, 103
Decimal	1586023
CIE _{Lab}	22.09, 9.85, -33.57
CIE _{LCh}	22, 34.984, 286.357
Yxy	3.5411, 0.1922, 0.1698
Android (android.graphics.Color)	4279776103 (0xFF183367)
YUV	48.8550, 26.6935, -21.7978
Hunter-Lab	18.8179, 5.0939, -28.7454

Details

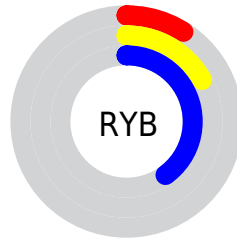
The YUV color **48.8550, 26.6935, -21.7978** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **78.1450, -26.6935, 21.7978**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.2300, 27.9876, -16.8647**, and **9.2050, 22.5769, -8.0728** is the 20% darker color. If you saturate the color by 10%, you get **41.7560, 30.1933, -24.3420**, and if you desaturate by 10%, it is **55.9540, 23.1937, -19.2537**.

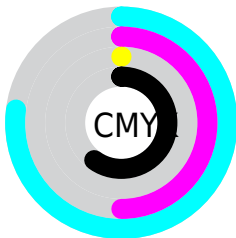
Distribution



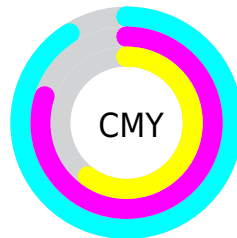
- Red (9%)
- Green (20%)
- Blue (40%)



- Red (9%)
- Yellow (17%)
- Blue (40%)



- Cyan (77%)
- Magenta (50%)
- Yellow (0%)
- Black (60%)



- Cyan (91%)
- Magenta (80%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.8550, 26.6935, -21.7978 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 48.8550, 26.6935, -21.7978 by changing the saturation by 10% instead.

■ 48.8550, 26.6935,
-21.7978

■ 48.8550, 26.6935,
-21.7978

■ 255.0000, 0.0000,
0.0000

■ 26.6160, 25.8253,
-23.3422

■ 98.2300, 27.9876,
-16.8647

■ 9.2050, 22.5769,
-8.0728

■ 124.0560, 28.5664,
-15.8351

■ 4.9360, 13.8356,
-4.3289

■ 149.8820, 29.1452,
-14.8055

■ 0.7980, 3.0576,
-0.6998

■ 177.1100, 30.0188,
-15.0055

■ 0.0000, 0.0000,
0.0000

■ 203.2690, 25.5034,
-13.3909

■ 228.0770, 13.2730,

-10.5915

252.0100, 1.4741,
-6.1478

48.8550, 26.6935,
-21.7978

48.8550, 26.6935,
-21.7978

41.7560, 30.1933,
-24.3420

55.9540, 23.1937,
-19.2537

34.3580, 33.8405,
-27.5010

63.3520, 19.5465,
-16.0947

32.2870, 34.8615,
-28.3157

69.8640, 16.3360,
-13.0357

76.9630, 12.8362,
-10.4916

84.3610, 9.1890,
-7.3326

■ 91.4600, 5.6892,
-4.7884

■ 97.9720, 2.4788,
-1.7294

■ 105.0710, -1.0210,
0.8147

■ 112.4690, -4.6682,
3.9737

Harmonies

Analogous

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



46.3750, 27.9161, -40.6709



48.8550, 26.6935, -21.7978



54.5670, 16.9755, 15.2887

Triad

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



48.8550, 26.6935, -21.7978



50.1650, -16.8433, 35.8123



42.1280, -1.0491, -36.9463

Complementary

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



48.8550, 26.6935, -21.7978



78.1450, -26.6935, 21.7978

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.



43.0840, -14.3384, -21.1217



48.8550, 26.6935, -21.7978



50.0140, -24.6569, 21.9127

Square

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



48.8550, 26.6935, -21.7978



49.4230, -4.6455, 43.4790



48.4200, -23.8711, 3.1397



45.7930, 10.4551, -40.1605

Rectangle

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



48.8550, 26.6935, -21.7978



52.9450, 10.3801, 30.7432



48.4200, -23.8711, 3.1397



40.5150, -4.6909, -35.5317

Sweetspot

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



48.8550, 26.6935, -21.7978



113.9910, 10.3574, -8.7621



76.1870, -0.5852, -45.7680



55.6880, 6.5628, -4.9884



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



48.8550, 26.6935, -21.7978



49.7900, 42.0085, -34.0188



36.5940, 32.7382, -0.5209



47.7440, 1.6052, -1.5295



36.0030, 38.9455, -31.5746



76.3090, 81.6857, -66.9230

Inverse Universe

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



50.6990, 0.1484, 45.8680



52.8640, 0.0670, 72.0333



90.4060, -32.7382, 0.5209



47.7230, 0.1366, 2.8739



38.8310, 0.0833, 66.8002



81.8200, 0.5817, 140.4779

Previews

White Background



This preview shows how the YUV color 48.8550, 26.6935, -21.7978 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 48.8550, 26.6935, -21.7978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

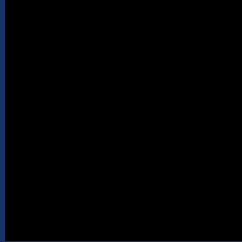
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.8550, 26.6935, -21.7978

Background



This preview shows how black text looks on a background with the YUV color 48.8550, 26.6935, -21.7978.



This preview shows how white text looks on a background with the YUV color 48.8550, 26.6935,

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

48.8550, 26.6935, -21.7978

Protanopia

48.2570, 26.9883, -23.0274

Deuteranopia

42.5280, 25.8687, -37.2971



Tritanopia

41.8150, 10.4442, -36.6718

Trichromacy



Original Color

48.8550, 26.6935, -21.7978

Protanomaly

48.5560, 26.8409, -22.4126

Deuteranomaly

44.9740, 26.1418, -31.5492

Tritanomaly

44.4550, 16.5377, -31.0940

Monochromacy



Original Color

48.8550, 26.6935, -21.7978

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.1760, 9.7732, -8.0474

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.8550, 26.6935, -21.7978 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(24, 51, 103)` looks like.

```
.text, #text, p{  
    color:rgb(24, 51, 103)  
}
```

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(24, 51, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 51, 103) }
```

Border

The CSS property to change the border of an element to YUV 48.8550, 26.6935, -21.7978 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(24, 51, 103) }
```


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

```
.border{ border-color:rgb(24, 51, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 51, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 51, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 51, 103);  
box-shadow:4px 4px 4px 4px rgb(24, 51,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 48.8550, 26.6935, -21.7978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 51, 103) }
```

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

```
.background{ background-color: rgb(24, 51,  
103) }
```

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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