

Converting Colors

YUV(54.7250, 23.7996,
-26.9458)

Have a look what the booklet for
YUV(54.7250, 23.7996, -26.9458)
contains.

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Color

**YUV(54.7250, 23.7996,
-26.9458)**

Conversions

Conversions Part 1

Format	Color
Hex	183D67
RGB	24, 61, 103
RGB Percent	9%, 24%, 40%
CMY	0.9059, 0.7608, 0.5961
CMYK	0.77, 0.41, 0.00, 0.60
HSL	212°, 62%, 25%
HSV	212°, 77%, 40%
XYZ	4.4936, 4.5109, 13.4658
YIQ	54.7250, -35.5340, 5.2180

Conversions

Conversions Part 2

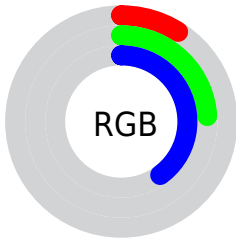
Format	Color
R_{YB}	24, 49, 103
Decimal	1588583
CIE Lab	25.29, 2.81, -28.45
CIE LCh	25, 28.587, 275.636
Yxy	4.5109, 0.2000, 0.2008
Android (android.graphics.Color)	4279778663 (0xFF183D67)
YUV	54.7250, 23.7996, -26.9458
Hunter-Lab	21.2390, 0.5977, -22.7234

Details

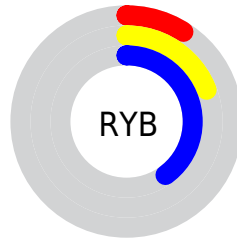
The YUV color **54.7250, 23.7996, -26.9458** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **72.2750, -23.7996, 26.9458**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.5730, 24.3675, -22.4275**, and **17.5370, 18.9623, -15.3799** is the 20% darker color. If you saturate the color by 10%, you get **48.8000, 26.7206, -30.5196**, and if you desaturate by 10%, it is **60.6500, 20.8785, -23.3721**.

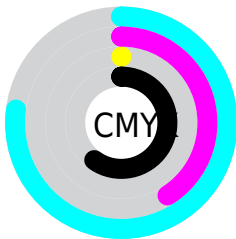
Distribution



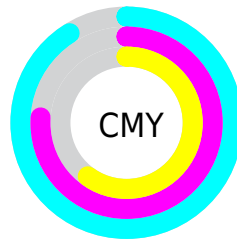
- Red (9%)
- Green (24%)
- Blue (40%)



- Red (9%)
- Yellow (19%)
- Blue (40%)



- Cyan (77%)
- Magenta (41%)
- Yellow (0%)
- Black (60%)



- Cyan (91%)
- Magenta (76%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.7250, 23.7996, -26.9458 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 54.7250, 23.7996, -26.9458 by changing the saturation by 10% instead.

■ 54.7250, 23.7996,
-26.9458

■ 54.7250, 23.7996,
-26.9458

■ 255.0000, 0.0000,
0.0000

■ 32.4860, 22.9314,
-28.4902

■ 104.5730, 24.3675,
-22.4275

■ 17.5370, 18.9623,
-15.3799

■ 130.1000, 25.0937,
-22.0127

■ 5.0500, 14.2723,
-4.4289

■ 156.6270, 25.8199,
-21.5979

■ 0.9120, 3.4944,
-0.7998

■ 183.7410, 26.2567,
-21.6979

■ 0.0000, 0.0000,
0.0000

■ 210.6010, 21.8887,
-20.6981

■ 235.7080, 9.5110,

-17.2839

■ 252.0100, 1.4741,
-6.1478

■ 54.7250, 23.7996,
-26.9458

■ 54.7250, 23.7996,
-26.9458

■ 48.8000, 26.7206,
-30.5196

■ 60.6500, 20.8785,
-23.3721

■ 41.9890, 30.0784,
-34.1934

■ 67.4610, 17.5207,
-19.6983

■ 39.9180, 31.0994,
-35.0081

■ 73.3860, 14.5997,
-16.1245

■ 79.8980, 11.3893,
-13.0655

■ 86.1220, 8.3209,
-8.8770

■ 92.6340, 5.1104,
-5.8180

■ 98.5590, 2.1894,
-2.2442

■ 105.0710, -1.0210,
0.8147

■ 111.2950, -4.0894,
5.0033

Harmonies

Analogous

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



50.6150, 23.8538, -44.3894



54.7250, 23.7996, -26.9458



61.6750, 16.4292, 3.7930

Triad

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



54.7250, 23.7996, -26.9458



58.9350, -11.3070, 33.3830



47.8680, -3.3859, -34.0872

Complementary

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



54.7250, 23.7996, -26.9458



72.2750, -23.7996, 26.9458

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.



54.8190, -15.6868, -8.6113



54.7250, 23.7996, -26.9458



58.5180, -18.9894, 24.1017

Square

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



54.7250, 23.7996, -26.9458



59.5790, -1.2714, 34.5722



57.1480, -21.2720, 9.5172



48.9730, 7.4083, -42.9493

Rectangle

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



54.7250, 23.7996, -26.9458



62.0960, 11.2917, 18.3328



57.1480, -21.2720, 9.5172



51.2670, -8.5126, -23.0362

Sweetspot

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



54.7250, 23.7996, -26.9458



116.3390, 9.1999, -10.8213



75.0470, -4.9532, -44.7682



57.4490, 5.6946, -6.5328



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.



54.7250, 23.7996, -26.9458



59.1820, 37.3783, -42.2556



33.3050, 34.3596, -7.2835



47.7440, 1.6052, -1.5295



44.8080, 34.6047, -39.2966



93.9190, 73.0039, -82.3670

Inverse Universe

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



51.8390, 4.5164, 44.8682



54.6880, 7.0558, 70.4336



93.6950, -34.3596, 7.2835



47.7230, 0.1366, 2.8739



40.5410, 6.6353, 65.3005



85.2400, 13.6857, 137.4785

Previews

White Background



This preview shows how the YUV color 54.7250, 23.7996, -26.9458 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 54.7250, 23.7996, -26.9458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

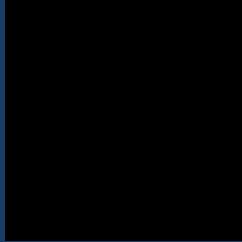
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.7250, 23.7996, -26.9458

Background



This preview shows how black text looks on a background with the YUV color 54.7250, 23.7996, -26.9458.



This preview shows how white text looks on a background with the YUV color 54.7250, 23.7996, -26.9458.

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

54.7250, 23.7996, -26.9458

Protanopia

58.7050, 20.8514, -14.6503

Deuteranopia

55.6220, 23.3574, -25.1015



Tritanopia

47.5370, 12.0603, -41.6899

Trichromacy



Original Color

54.7250, 23.7996, -26.9458

Protanomaly

57.3130, 22.0307, -19.5685

Deuteranomaly

55.3230, 23.5048, -25.7163

Tritanomaly

50.3080, 16.1172, -36.2271

Monochromacy



Original Color

54.7250, 23.7996, -26.9458

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8230, 8.4683, -9.4918

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.7250, 23.7996, -26.9458 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, 61, 103)` looks like.

```
.text, #text, p{  
    color:rgb(24, 61, 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, 61, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 61, 103) }
```

Border

The CSS property to change the border of an element to YUV 54.7250, 23.7996, -26.9458 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, 61, 103) }
```


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

```
.border{ border-color:rgb(24, 61, 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, 61, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 61, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 61, 103);  
box-shadow:4px 4px 4px 4px rgb(24, 61,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 54.7250, 23.7996, -26.9458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 61, 103) }
```

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

```
.background{ background-color: rgb(24, 61,  
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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