

Converting Colors

YUV(47.9520, 9.3907, -25.3909)

Have a look what the booklet for
YUV(47.9520, 9.3907, -25.3909)
contains.

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Color

**YUV(47.9520, 9.3907,
-25.3909)**

Conversions

Conversions Part 1

Format	Color
Hex	133B43
RGB	19, 59, 67
RGB Percent	7%, 23%, 26%
CMY	0.9255, 0.7686, 0.7373
CMYK	0.72, 0.12, 0.00, 0.74
HSL	190°, 56%, 17%
HSV	190°, 72%, 26%
XYZ	2.8456, 3.6716, 5.8689
YIQ	47.9520, -26.4080, -5.9920

Conversions

Conversions Part 2

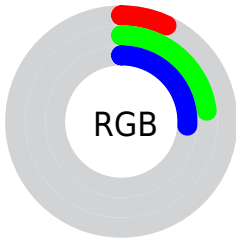
Format	Color
R_YB	19, 41, 67
Decimal	1260355
CIE Lab	22.55, -10.93, -9.08
CIE LCh	23, 14.205, 219.711
Yxy	3.6716, 0.2297, 0.2964
Android (android.graphics.Color)	4279450435 (0xFF133B43)
YUV	47.9520, 9.3907, -25.3909
Hunter-Lab	19.1615, -7.0238, -4.7467

Details

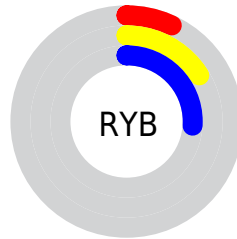
The YUV color **47.9520, 9.3907, -25.3909** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **38.0480, -9.3907, 25.3909**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.9630, 9.3852, -23.6466**, and **12.7150, 5.5635, -11.1511** is the 20% darker color. If you saturate the color by 10%, you get **45.2720, 10.7119, -29.1795**, and if you desaturate by 10%, it is **50.6320, 8.0694, -21.6023**.

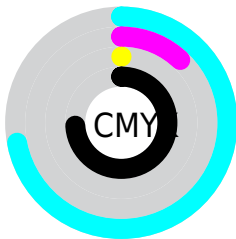
Distribution



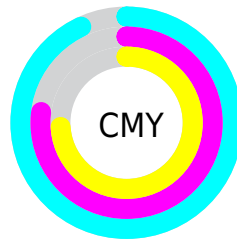
- Red (7%)
- Green (23%)
- Blue (26%)



- Red (7%)
- Yellow (16%)
- Blue (26%)



- Cyan (72%)
- Magenta (12%)
- Yellow (0%)
- Black (74%)



- Cyan (93%)
- Magenta (77%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.9520, 9.3907, -25.3909 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 47.9520, 9.3907, -25.3909 by changing the saturation by 10% instead.

■ 47.9520, 9.3907,
-25.3909

■ 47.9520, 9.3907,
-25.3909

■ 255.0000, 0.0000,
0.0000

■ 26.8490, 8.9484,
-23.5466

■ 95.9630, 9.3852,
-23.6466

■ 12.7150, 5.5635,
-11.1511

■ 121.2510, 9.2433,
-24.7761

■ 0.0000, 0.0000,
0.0000

■ 147.3650, 9.6801,
-24.8761

■ 174.0660, 9.8275,
-25.4909

■ 201.1800, 10.2643,
-25.5909

■ 229.8810, 10.4117,

-26.2056

■ 247.2260, 3.8326,
-15.9842

■ 47.9520, 9.3907,
-25.3909

■ 47.9520, 9.3907,
-25.3909

■ 45.2720, 10.7119,
-29.1795

■ 50.6320, 8.0694,
-21.6023

■ 42.8910, 11.8857,
-32.3534

■ 53.0130, 6.8956,
-18.4284

■ 40.5100, 13.0596,
-35.5273

■ 55.6930, 5.5744,
-14.6398

■ 58.3730, 4.2531,
-10.8511

■ 61.6400, 2.6425,
-7.5773

■ 64.0210, 1.4686,
-4.4034

■ 66.7010, 0.1474,
-0.6148

■ 69.3810, -1.1738,
3.1739

■ 71.7620, -2.3477,
6.3477

Harmonies

Analogous

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



48.2960, 4.2911, -23.0616



47.9520, 9.3907, -25.3909



50.4520, 11.1162, -18.8134

Triad

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



47.9520, 9.3907, -25.3909



55.4730, 2.7248, 12.7402



52.8020, -9.7624, 4.5586

Complementary

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



47.9520, 9.3907, -25.3909



38.0480, -9.3907, 25.3909

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.



53.8460, -9.7841, 11.5361



47.9520, 9.3907, -25.3909



55.2410, -2.0908, 17.3286

Square

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



47.9520, 9.3907, -25.3909



55.2700, 7.2619, 4.1482



54.9760, -6.8902, 16.6840



51.4310, -7.1145, -4.7630

Rectangle

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



47.9520, 9.3907, -25.3909



52.7950, 10.9471, -11.2212



54.9760, -6.8902, 16.6840



53.1120, -9.9152, 6.9178

Sweetspot

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



47.9520, 9.3907, -25.3909



79.5580, 3.6689, -10.1364



48.0880, -10.3964, -25.5102



39.4230, 1.7635, -5.6330



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



47.9520, 9.3907, -25.3909



56.9440, 14.8176, -39.4159



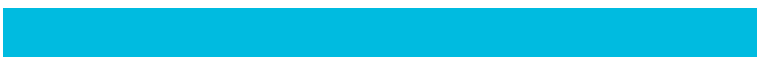
33.8640, 16.3360, -13.0357



32.1030, 0.4422, -1.8443



58.6050, 18.9287, -51.3966



135.3050, 43.7266, -118.6625

Inverse Universe

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



37.9120, 10.3964, 25.5102



41.4930, 16.0260, 39.9096



52.1360, -16.3360, 13.0357



31.2390, 0.8682, 1.5444



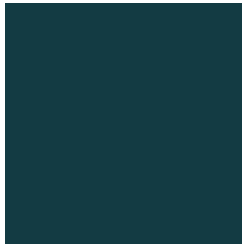
38.2370, 21.0822, 51.5352



88.2940, 48.6621, 119.0142

Previews

White Background



This preview shows how the YUV color 47.9520, 9.3907, -25.3909 looks on a white background.

Color Contrast Check

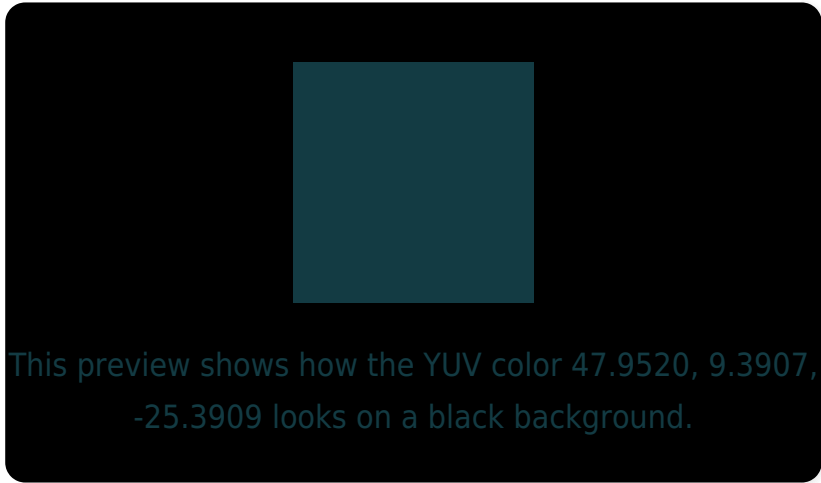
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

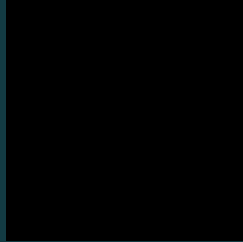
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

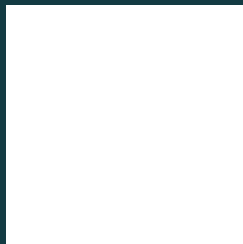
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 47.9520, 9.3907, -25.3909

Background



This preview shows how black text looks on a background with the YUV color 47.9520, 9.3907, -25.3909.



This preview shows how white text looks on a background with the YUV color 47.9520, 9.3907, -25.3909.

-25.3909.

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

47.9520, 9.3907, -25.3909

Protanopia

53.8410, 4.5154, -1.6146

Deuteranopia

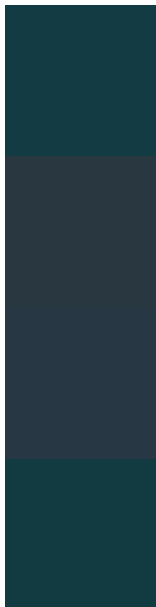
54.4110, 6.6994, -2.1144



Tritanopia

47.0120, 8.3751, -26.3205

Trichromacy



Original Color

47.9520, 9.3907, -25.3909

Protanomaly

51.5410, 6.1423, -10.1215

Deuteranomaly

51.9970, 7.8895, -10.5214

Tritanomaly

47.4250, 8.6645, -25.8057

Monochromacy



Original Color

47.9520, 9.3907, -25.3909

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8570, 3.5215, -9.5216

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.9520, 9.3907, -25.3909 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(19, 59, 67)` looks like.

```
.text, #text, p{  
    color:rgb(19, 59, 67)  
}
```

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(19, 59, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 59, 67) }
```

Border

The CSS property to change the border of an element to YUV 47.9520, 9.3907, -25.3909 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(19, 59, 67) }
```


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

```
.border{ border-color:rgb(19, 59, 67) }
```

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

Here you see how a box with a 4 pixel rgb(19, 59, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 59, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 59, 67);  
box-shadow:4px 4px 4px 4px rgb(19, 59, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.9520, 9.3907, -25.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 59, 67) }
```

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

```
.background{ background-color: rgb(19, 59,  
67) }
```

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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