

Converting Colors

YUV(46.3170, 19.5637, 25.1550)

Have a look what the booklet for
YUV(46.3170, 19.5637, 25.1550)
contains.

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Color

**YUV(46.3170, 19.5637,
25.1550)**

Conversions

Conversions Part 1

Format	Color
Hex	4B1856
RGB	75, 24, 86
RGB Percent	29%, 9%, 34%
CMY	0.7059, 0.9059, 0.6627
CMYK	0.13, 0.72, 0.00, 0.66
HSL	289°, 56%, 22%
HSV	289°, 72%, 34%
XYZ	4.9080, 2.8210, 9.0899
YIQ	46.3170, 10.4940, 30.0940

Conversions

Conversions Part 2

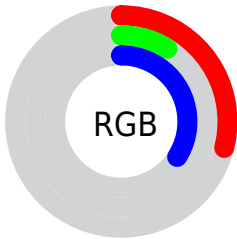
Format	Color
R_YB	75, 24, 86
Decimal	4921430
CIE Lab	19.31, 33.98, -26.53
CIE LCh	19, 43.111, 322.024
Yxy	2.8210, 0.2918, 0.1677
Android (android.graphics.Color)	4283111510 (0xFF4B1856)
YUV	46.3170, 19.5637, 25.1550
Hunter-Lab	16.7959, 22.7676, -20.3307

Details

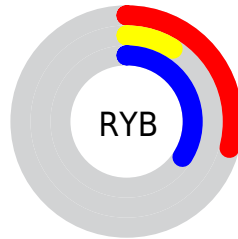
The YUV color **46.3170, 19.5637, 25.1550** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **63.6830, -19.5637, -25.1550**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.4420, 19.9951, 26.7994**, and **14.2420, 13.1917, 15.5738** is the 20% darker color. If you saturate the color by 10%, you get **40.4360, 22.4631, 28.5586**, and if you desaturate by 10%, it is **52.1980, 16.6644, 21.7514**.

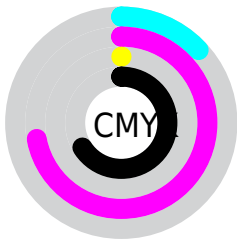
Distribution



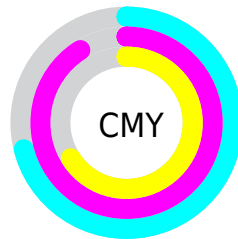
- Red (29%)
- Green (9%)
- Blue (34%)



- Red (29%)
- Yellow (9%)
- Blue (34%)



- Cyan (13%)
- Magenta (72%)
- Yellow (0%)
- Black (66%)



- Cyan (71%)
- Magenta (91%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.3170, 19.5637, 25.1550 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 46.3170, 19.5637, 25.1550 by changing the saturation by 10% instead.

46.3170, 19.5637,
25.1550

46.3170, 19.5637,
25.1550

255.0000, 0.0000,
0.0000

22.3170, 19.5637,
25.1550

95.4420, 19.9951,
26.7994

14.2420, 13.1917,
15.5738

121.2680, 20.5739,
27.8290

2.6390, 7.5730,
-2.3144

147.0940, 21.1527,
28.8586


0.0000, 0.0000,
0.0000


173.9200, 21.7314,
29.8882


202.2190, 21.5840,
30.5029


224.4760, 15.0483,


26.7695


 241.4990, 6.6560,
11.8404


 46.3170, 19.5637,
25.1550


 46.3170, 19.5637,
25.1550


 40.4360, 22.4631,
28.5586

 52.1980, 16.6644,
21.7514


 35.4410, 24.9256,
32.0622

 57.1930, 14.2019,
18.2477

 31.0330, 27.0987,
35.0511

 63.0740, 11.3025,
14.8441

 68.0690, 8.8400,
11.3405

 73.9500, 5.9406,
7.9368

■ 79.5320, 3.1887,
3.9184

■ 84.8260, 0.5788,
1.0296

■ 90.4080, -2.1731,
-2.9888

■ 95.7020, -4.7831,
-5.8777

Harmonies

Analogous

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



41.2230, 31.9351, -22.9976



46.3170, 19.5637, 25.1550



35.5010, 10.5990, 53.9346

Triad

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



46.3170, 19.5637, 25.1550



44.9750, -22.1727, 18.4389



43.2000, 13.2124, -37.8864

Complementary

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



46.3170, 19.5637, 25.1550



63.6830, -19.5637, -25.1550

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.



38.8510, -0.9125, -34.0723



46.3170, 19.5637, 25.1550



41.5870, -20.5024, -4.0228

Square

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



46.3170, 19.5637, 25.1550



42.1610, -20.7854, 40.2008



33.4590, -16.4953, -29.3435



45.5770, 24.8585, -39.9710

Rectangle

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



46.3170, 19.5637, 25.1550



34.0040, 0.9840, 57.8785



33.4590, -16.4953, -29.3435



41.9460, 8.4076, -36.7866

Sweetspot

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



46.3170, 19.5637, 25.1550



96.7160, 7.5350, 9.8961



37.5250, 23.8982, -11.8614



47.1840, 4.3463, 5.9776



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



46.3170, 19.5637, 25.1550



49.9780, 30.5768, 39.4843



47.3260, 9.2063, 33.9171



40.6520, 1.1576, 2.0592



38.5100, 33.7656, 43.4027



84.4970, 74.1980, 95.1571

Inverse Universe

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



43.7920, -4.3345, 37.0164



45.9410, -6.8729, 57.9337



62.6740, -9.2063, -33.9171



40.3100, -0.1528, 2.3591



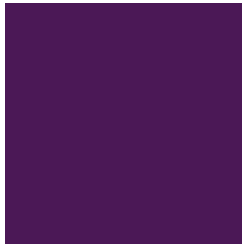
34.1590, -7.4734, 63.8816



75.0530, -16.2951, 140.2735

Previews

White Background



This preview shows how the YUV color 46.3170, 19.5637, 25.1550 looks on a white background.

Color Contrast Check

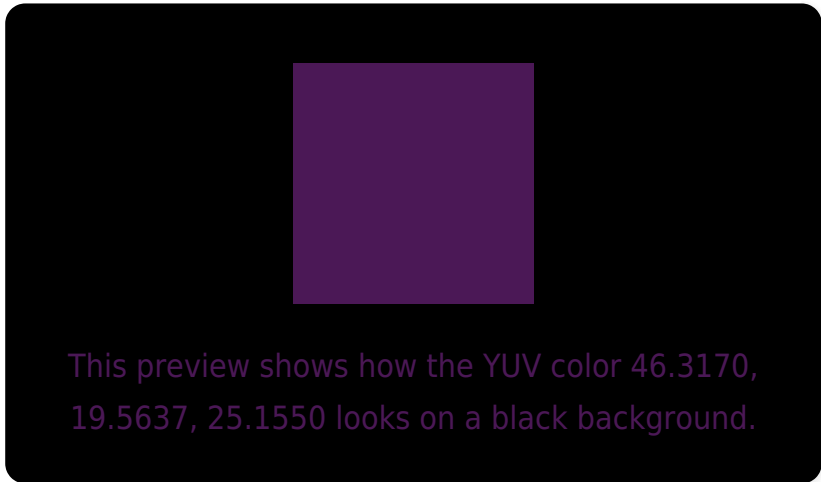
Large Text (above 18pt) WCAG AA ✓ Pass

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

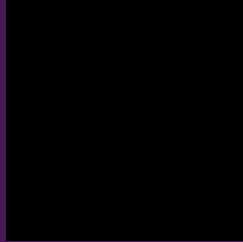
Any Text WCAG AA × Fail

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 46.3170, 19.5637, 25.1550 Background



This preview shows how black text looks on a background with the YUV color 46.3170, 19.5637, 25.1550.



This preview shows how white text looks on a background with the YUV color 46.3170, 19.5637,

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

46.3170, 19.5637, 25.1550

Protanopia

38.1740, 29.4942, -33.4786

Deuteranopia

45.2870, 18.0995, -18.6687



Tritanopia

48.3120, -3.1118, 18.1434

Trichromacy



Original Color

46.3170, 19.5637, 25.1550

Protanomaly

41.0950, 26.0822, -12.3613

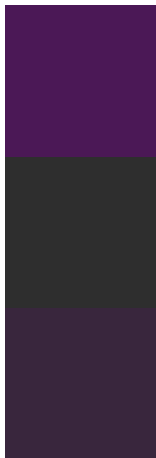
Deuteranomaly

45.7990, 18.3401, -2.4547

Tritanomaly

47.7990, 5.0291, 20.3473

Monochromacy



Original Color

46.3170, 19.5637, 25.1550

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.3030, 7.2456, 9.3813

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.3170, 19.5637, 25.1550 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(75, 24, 86)` looks like.

```
.text, #text, p{  
    color:rgb(75, 24, 86)  
}
```

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(75, 24, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 24, 86) }
```

Border

The CSS property to change the border of an element to YUV 46.3170, 19.5637, 25.1550 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(75, 24, 86) }
```


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

```
.border{ border-color:rgb(75, 24, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 24, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 24, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 24, 86);  
box-shadow:4px 4px 4px 4px rgb(75, 24, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.3170, 19.5637, 25.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 24, 86) }
```

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

```
.background{ background-color: rgb(75, 24,  
86) }
```

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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