

Converting Colors

YUV(46.7430, 19.8467,
-19.0686)

Have a look what the booklet for
YUV(46.7430, 19.8467, -19.0686)
contains.

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Color

**YUV(46.7430, 19.8467,
-19.0686)**

Conversions

Conversions Part 1

Format	Color
Hex	193257
RGB	25, 50, 87
RGB Percent	10%, 20%, 34%
CMY	0.9020, 0.8039, 0.6588
CMYK	0.71, 0.43, 0.00, 0.66
HSL	216°, 55%, 22%
HSV	216°, 71%, 34%
XYZ	3.2618, 3.1760, 9.4579
YIQ	46.7430, -26.7770, 6.2070

Conversions

Conversions Part 2

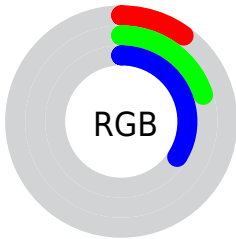
Format	Color
R_{YB}	25, 43, 87
Decimal	1651287
CIE Lab	20.74, 4.14, -25.24
CIE LCh	21, 25.575, 279.319
Yxy	3.1760, 0.2052, 0.1998
Android (android.graphics.Color)	4279841367 (0xFF193257)
YUV	46.7430, 19.8467, -19.0686
Hunter-Lab	17.8213, 1.4832, -18.9908




Details

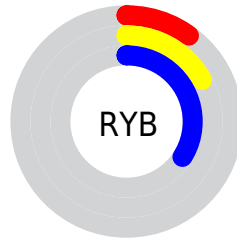
The YUV color **46.7430, 19.8467, -19.0686** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **65.2570, -19.8467, 19.0686**, and the grayscale version is **47.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **94.6940, 20.8569, -16.3946**, and **5.9620, 17.7667, -5.2287** is the 20% darker color. If you saturate the color by 10%, you get **41.1170, 22.6203, -22.0276**, and if you desaturate by 10%, it is **52.3690, 17.0731, -16.1096**.

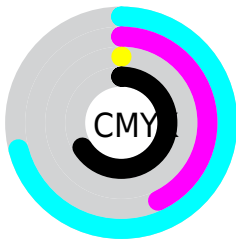
Distribution







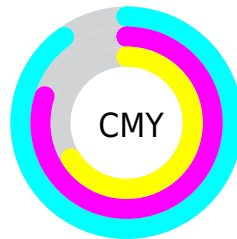
-  Red (10%)
-  Green (20%)
-  Blue (34%)






-  Red (10%)
-  Yellow (17%)
-  Blue (34%)



-  Cyan (71%)
-  Magenta (43%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (90%)
-  Magenta (80%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.7430, 19.8467, -19.0686 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 46.7430, 19.8467, -19.0686 by changing the saturation by 10% instead.

■ 46.7430, 19.8467,
-19.0686

■ 46.7430, 19.8467,
-19.0686

■ 255.0000, 0.0000,
0.0000

■ 24.2050, 19.1259,
-21.2278

■ 94.6940, 20.8569,
-16.3946

■ 5.9620, 17.7667,
-5.2287

■ 120.2210, 21.5830,
-15.9798

■ 2.8670, 8.4466,
-2.5144

■ 145.7480, 22.3092,
-15.5650

■ 0.0000, 0.0000,
0.0000

■ 172.8620, 22.7460,
-15.6650

■ 199.9760, 23.1828,
-15.7650

■ 225.6960, 14.4469,

-13.7654

250.2160, 2.3585,
-9.8364

46.7430, 19.8467,
-19.0686

46.7430, 19.8467,
-19.0686

41.1170, 22.6203,
-22.0276

52.3690, 17.0731,
-16.1096

35.7900, 25.2465,
-24.3718

57.6960, 14.4469,
-13.7654

30.4630, 27.8727,
-26.7161

63.9090, 11.3839,
-11.3212

69.5350, 8.6102,
-8.3622

75.1610, 5.8366,
-5.4032

■ 80.4880, 3.2104,
-3.0590

■ 86.1140, 0.4368,
-0.1000

■ 92.3270, -2.6262,
2.3442

■ 97.6540, -5.2524,
4.6884

Harmonies

Analogous

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



41.9750, 21.2113, -36.8121



46.7430, 19.8467, -19.0686



51.3010, 13.6556, 6.7520

Triad

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



46.7430, 19.8467, -19.0686



49.3150, -11.0013, 28.6647



38.1500, -1.0599, -33.4575

Complementary

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



46.7430, 19.8467, -19.0686



65.2570, -19.8467, 19.0686

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.



45.2040, -12.9186, -9.8259



46.7430, 19.8467, -19.0686



48.6530, -17.0839, 19.5983

Square

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



46.7430, 19.8467, -19.0686



49.6170, -2.2762, 30.1539



47.4080, -18.9351, 6.6582



40.9030, 6.9498, -35.8719

Rectangle

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



46.7430, 19.8467, -19.0686



51.1130, 8.8183, 18.3179



47.4080, -18.9351, 6.6582



42.2500, -6.0393, -23.0212

Sweetspot

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



46.7430, 19.8467, -19.0686



96.9050, 7.4418, -6.9327



65.4980, -2.2175, -35.5167



47.1180, 4.3788, -4.4885



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.



46.7430, 19.8467, -19.0686



49.8370, 30.6464, -29.6750



33.5630, 26.3444, -3.1248



40.6300, 1.1684, -1.4295



37.4390, 34.2936, -32.8340



82.5550, 75.1554, -72.4007

Inverse Universe

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



46.3880, 1.7807, 35.6167



49.1500, 2.8841, 55.1195



78.4370, -26.3444, 3.1248



40.4240, 0.2840, 2.2592



36.8950, 3.0098, 61.4821



81.0950, 6.8552, 134.9747

Previews

White Background



This preview shows how the YUV color 46.7430, 19.8467, -19.0686 looks on a white background.

Color Contrast Check

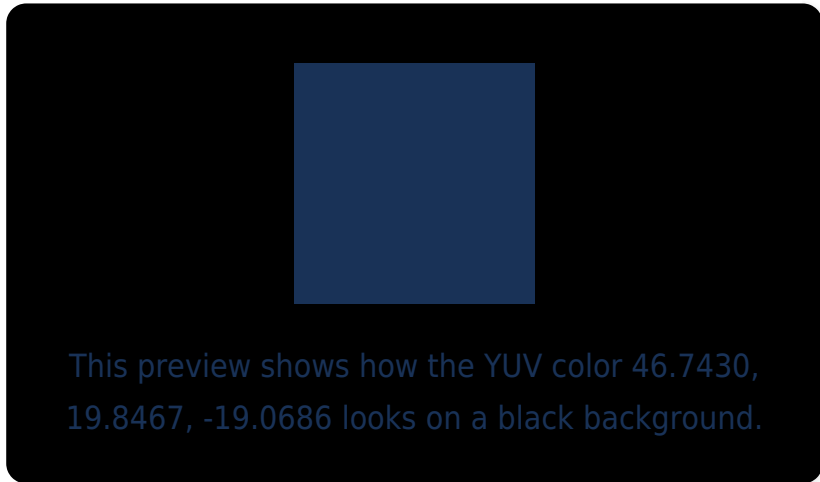
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.7430, 19.8467, -19.0686

Background



This preview shows how black text looks on a background with the YUV color 46.7430, 19.8467, -19.0686.



This preview shows how white text looks on a background with the YUV color 46.7430, 19.8467,

-19.0686.

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

46.7430, 19.8467, -19.0686

Protanopia

48.7330, 18.3726, -12.9208

Deuteranopia

45.8350, 20.2943, -22.6573



Tritanopia

39.7120, 10.0020, -34.8274

Trichromacy



Original Color

46.7430, 19.8467, -19.0686

Protanomaly

47.8360, 18.8149, -14.7652

Deuteranomaly

46.4330, 19.9995, -21.4277

Tritanomaly

42.3690, 13.6221, -29.2646

Monochromacy



Original Color

46.7430, 19.8467, -19.0686

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.9050, 7.4418, -6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.7430, 19.8467, -19.0686 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(25, 50, 87)` looks like.

```
.text, #text, p{  
    color:rgb(25, 50, 87)  
}
```

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(25, 50, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 50, 87) }
```

Border

The CSS property to change the border of an element to YUV 46.7430, 19.8467, -19.0686 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(25, 50, 87) }
```


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

```
.border{ border-color:rgb(25, 50, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 50, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 50, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 50, 87);  
box-shadow:4px 4px 4px 4px rgb(25, 50, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.7430, 19.8467, -19.0686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 50, 87) }
```

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

```
.background{ background-color: rgb(25, 50,  
87) }
```

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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