

Converting Colors

YUV(47.7230, 13.4476,
-19.9281)

Have a look what the booklet for
YUV(47.7230, 13.4476, -19.9281)
contains.

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Color

**YUV(47.7230, 13.4476,
-19.9281)**

Conversions

Conversions Part 1

Format	Color
Hex	19364B
RGB	25, 54, 75
RGB Percent	10%, 21%, 29%
CMY	0.9020, 0.7882, 0.7059
CMYK	0.67, 0.28, 0.00, 0.71
HSL	205°, 50%, 20%
HSV	205°, 67%, 29%
XYZ	2.9901, 3.3530, 7.1462
YIQ	47.7230, -24.0250, 0.3830

Conversions

Conversions Part 2

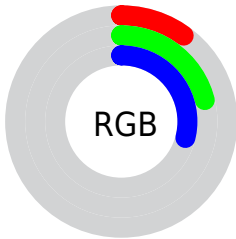
Format	Color
R _Y B	25, 43, 75
Decimal	1652299
CIE Lab	21.41, -3.39, -16.18
CIE LCh	21, 16.533, 258.166
Yxy	3.3530, 0.2217, 0.2486
Android (android.graphics.Color)	4279842379 (0xFF19364B)
YUV	47.7230, 13.4476, -19.9281
Hunter-Lab	18.3112, -2.8971, -10.3209

Details

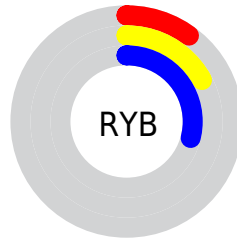
The YUV color **47.7230, 13.4476, -19.9281** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **52.2770, -13.4476, 19.9281**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.5490, 14.0263, -18.8985**, and **8.8170, 10.9362, -7.7325** is the 20% darker color. If you saturate the color by 10%, you get **43.5700, 15.4950, -23.3019**, and if you desaturate by 10%, it is **51.5770, 11.5475, -17.1690**.

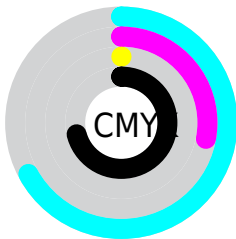
Distribution



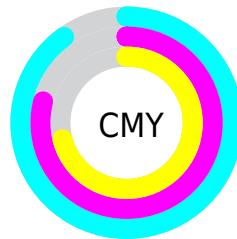
- Red (10%)
- Green (21%)
- Blue (29%)



- Red (10%)
- Yellow (17%)
- Blue (29%)



- Cyan (67%)
- Magenta (28%)
- Yellow (0%)
- Black (71%)



- Cyan (90%)
- Magenta (79%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.7230, 13.4476, -19.9281 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 47.7230, 13.4476, -19.9281 by changing the saturation by 10% instead.

■ 47.7230, 13.4476,
-19.9281

■ 47.7230, 13.4476,
-19.9281

■ 255.0000, 0.0000,
0.0000

■ 25.2990, 13.1636,
-22.1872

■ 95.5490, 14.0263,
-18.8985

■ 8.8170, 10.9362,
-7.7325

■ 120.0760, 14.7525,
-18.4837

■ 0.3420, 1.3104,
-0.2999

■ 146.0760, 14.7525,
-18.4837

■ 0.0000, 0.0000,
0.0000

■ 172.8910, 15.3367,
-19.1984

■ 200.0050, 15.7735,
-19.2984

■ 228.0220, 13.3002,

-19.3133

■ 249.0200, 2.9481,
-12.2955

■ 47.7230, 13.4476,
-19.9281

■ 47.7230, 13.4476,
-19.9281

■ 43.5700, 15.4950,
-23.3019

■ 51.5770, 11.5475,
-17.1690

■ 39.7160, 17.3950,
-26.0609

■ 55.7300, 9.5001,
-13.7952

■ 35.5630, 19.4424,
-29.4348

■ 59.8830, 7.4527,
-10.4214

■ 34.3780, 20.0266,
-30.1495

■ 64.3240, 5.2633,
-8.1771

■ 68.4770, 3.2158,
-4.8033

■ 72.3310, 1.3158,
-2.0443

■ 76.4840, -0.7316,
1.3295

■ 80.3380, -2.6316,
4.0886

■ 84.4910, -4.6791,
7.4624

Harmonies

Analogous

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



42.5210, 13.0541, -33.7829



47.7230, 13.4476, -19.9281



51.5400, 11.0728, -4.8586

Triad

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



47.7230, 13.4476, -19.9281



52.0950, -3.9908, 20.0877



48.2240, -6.5194, -8.9664

Complementary

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



47.7230, 13.4476, -19.9281



52.2770, -13.4476, 19.9281

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.



49.8510, -10.7725, 1.8847



47.7230, 13.4476, -19.9281



51.8190, -8.7848, 17.6987

Square

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



47.7230, 13.4476, -19.9281



52.6800, 2.1298, 16.9436



50.9770, -11.8207, 11.4212



45.8680, 0.0651, -20.9322

Rectangle

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



47.7230, 13.4476, -19.9281



52.7260, 9.0091, 3.7483



50.9770, -11.8207, 11.4212



48.7900, -8.2775, -5.0778

Sweetspot

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



47.7230, 13.4476, -19.9281



86.6230, 5.1159, -7.5624



56.7440, -5.2968, -27.8395



42.3630, 2.7790, -4.7034



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



47.7230, 13.4476, -19.9281



54.3070, 21.0476, -30.9642



33.0480, 20.6823, -7.0581



36.2170, 0.8790, -1.9443



46.2610, 27.4793, -40.5709



104.2910, 61.9745, -91.4632

Inverse Universe

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



43.2560, 5.2968, 27.8395



47.4520, 8.1582, 43.4536



66.9520, -20.6823, 7.0581



35.5380, 0.7208, 2.1592



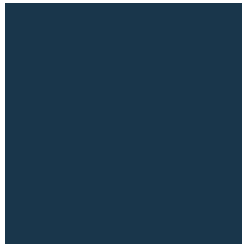
37.2240, 10.7356, 56.8086



83.9320, 24.1905, 128.1016

Previews

White Background



This preview shows how the YUV color 47.7230, 13.4476, -19.9281 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 47.7230, 13.4476, -19.9281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

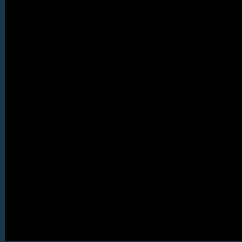
Any Text WCAG AA × Fail

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 47.7230, 13.4476, -19.9281 Background



This preview shows how black text looks on a background with the YUV color 47.7230, 13.4476, -19.9281.



This preview shows how white text looks on a background with the YUV color 47.7230, 13.4476,

-19.9281.

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

47.7230, 13.4476, -19.9281

Protanopia

51.6000, 10.0572, -5.7882

Deuteranopia

50.8600, 12.3940, -8.6472



Tritanopia

45.4960, 7.6435, -24.9910

Trichromacy



Original Color

47.7230, 13.4476, -19.9281

Protanomaly

50.2080, 11.2365, -10.7064

Deuteranomaly

49.6530, 12.9891, -12.8507

Tritanomaly

46.3760, 9.6746, -23.1318

Monochromacy



Original Color

47.7230, 13.4476, -19.9281

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.9220, 4.9685, -6.9476

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.7230, 13.4476, -19.9281 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, 54, 75)` looks like.

```
.text, #text, p{  
    color:rgb(25, 54, 75)  
}
```

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, 54, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 54, 75) }
```

Border

The CSS property to change the border of an element to YUV 47.7230, 13.4476, -19.9281 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, 54, 75) }
```


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

```
.border{ border-color:rgb(25, 54, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 54, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 54, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 54, 75);  
box-shadow:4px 4px 4px 4px rgb(25, 54, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.7230, 13.4476, -19.9281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 54, 75) }
```

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

```
.background{ background-color: rgb(25, 54,  
75) }
```

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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