

Converting Colors

YUV(61.4550, 19.9887,
-17.9390)

Have a look what the booklet for
YUV(61.4550, 19.9887, -17.9390)
contains.

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Color

**YUV(61.4550, 19.9887,
-17.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	294066
RGB	41, 64, 102
RGB Percent	16%, 25%, 40%
CMY	0.8392, 0.7490, 0.6000
CMYK	0.60, 0.37, 0.00, 0.60
HSL	217°, 43%, 28%
HSV	217°, 60%, 40%
XYZ	5.1461, 5.0975, 13.2831
YIQ	61.4550, -25.9060, 6.9420

Conversions

Conversions Part 2

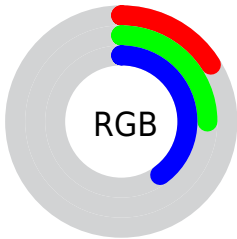
Format	Color
R _Y B	41, 58, 102
Decimal	2703462
CIE Lab	27.01, 3.76, -25.04
CIE LCh	27, 25.317, 278.549
Yxy	5.0975, 0.2187, 0.2167
Android (android.graphics.Color)	4280893542 (0xFF294066)
YUV	61.4550, 19.9887, -17.9390
Hunter-Lab	22.5777, 1.1745, -19.0775




Details

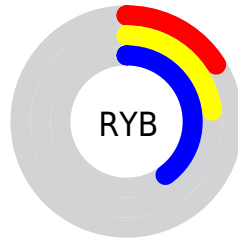
The YUV color **61.4550, 19.9887, -17.9390** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **81.5450, -19.9887, 17.9390**, and the grayscale version is **61.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **110.1070, 21.1462, -15.8798**, and **19.1840, 17.6573, -16.8244** is the 20% darker color. If you saturate the color by 10%, you get **54.9430, 23.1991, -20.9980**, and if you desaturate by 10%, it is **67.9670, 16.7783, -14.8801**.

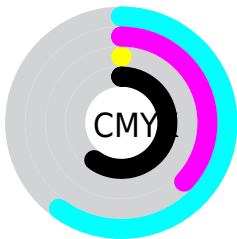
Distribution







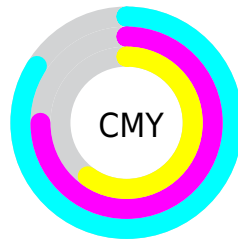
-  Red (16%)
-  Green (25%)
-  Blue (40%)






-  Red (16%)
-  Yellow (23%)
-  Blue (40%)



-  Cyan (60%)
-  Magenta (37%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (84%)
-  Magenta (75%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.4550, 19.9887, -17.9390 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 61.4550, 19.9887, -17.9390 by changing the saturation by 10% instead.

■ 61.4550, 19.9887,
-17.9390

■ 61.4550, 19.9887,
-17.9390

■ 255.0000, 0.0000,
0.0000

■ 37.4330, 19.9995,
-21.4277

■ 110.1070, 21.1462,
-15.8798

■ 19.1840, 17.6573,
-16.8244

■ 135.9220, 21.7305,
-16.5946

■ 4.9360, 13.8356,
-4.3289

■ 162.4490, 22.4566,
-16.1798

■ 0.6840, 2.6208,
-0.5999

■ 189.5630, 22.8934,
-16.2798

■ 0.0000, 0.0000,
0.0000

■ 216.5370, 18.9623,
-15.3799

■ 241.3450, 6.7319,

-12.5806

■ 61.4550, 19.9887,
-17.9390

■ 61.4550, 19.9887,
-17.9390

■ 54.9430, 23.1991,
-20.9980

■ 67.9670, 16.7783,
-14.8801

■ 47.8440, 26.6989,
-23.5422

■ 75.0660, 13.2785,
-12.3359

■ 41.0330, 30.0567,
-27.2159

■ 81.8770, 9.9206,
-8.6621

■ 34.5210, 33.2671,
-30.2749

■ 88.3890, 6.7102,
-5.6032

■ 33.9340, 33.5565,
-29.7601

■ 95.4880, 3.2104,
-3.0590

■ 102.0000, 0.0000,
0.0000

■ 108.5120, -3.2104,
3.0590

■ 115.9100, -6.8576,
6.2179

■ 122.4220,
-10.0680, 9.2769

Harmonies

Analogous

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



52.4900, 23.4224, -46.0337



61.4550, 19.9887, -17.9390



66.0020, 13.8030, 6.1372

Triad

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



61.4550, 19.9887, -17.9390



63.9130, -11.2961, 29.8943



54.7160, -2.8180, -29.5689

Complementary

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



61.4550, 19.9887, -17.9390



81.5450, -19.9887, 17.9390

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.



59.3890, -13.5028, -9.1112



61.4550, 19.9887, -17.9390



63.2510, -17.3787, 20.8279

Square

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



61.4550, 19.9887, -17.9390



64.2150, -2.5710, 31.3834



61.8210, -18.6458, 7.1730



51.3040, 8.7241, -44.9936

Rectangle

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



61.4550, 19.9887, -17.9390



66.1130, 8.8183, 18.3179



61.8210, -18.6458, 7.1730



56.7340, -6.7709, -21.6917

Sweetspot

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



61.4550, 19.9887, -17.9390



117.0190, 7.8786, -7.0327



81.1390, -1.0545, -35.2019



56.5310, 4.6682, -3.9737



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



61.4550, 19.9887, -17.9390



69.0760, 31.5145, -28.1307



50.0470, 25.6128, -1.7952



47.7440, 1.6052, -1.5295



38.3510, 37.7880, -33.6338



81.0050, 79.3705, -71.0414

Inverse Universe

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



61.8610, 1.0545, 35.2019



69.8080, 1.5737, 55.4194



92.9530, -25.6128, 1.7952



47.7230, 0.1366, 2.8739



39.2870, 1.8305, 66.4003



82.7320, 4.0761, 139.6780

Previews

White Background



This preview shows how the YUV color 61.4550, 19.9887, -17.9390 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 61.4550, 19.9887, -17.9390 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 61.4550, 19.9887, -17.9390

Background



This preview shows how black text looks on a background with the YUV color 61.4550, 19.9887, -17.9390.



This preview shows how white text looks on a background with the YUV color 61.4550, 19.9887, -17.9390.

-17.9390.

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

61.4550, 19.9887, -17.9390

Protanopia

62.5590, 18.9514, -11.8912

Deuteranopia

61.7540, 19.8413, -17.3243



Tritanopia

58.3110, 8.2277, -25.7057

Trichromacy



Original Color

61.4550, 19.9887, -17.9390

Protanomaly

62.2490, 19.1042, -14.2504

Deuteranomaly

61.7540, 19.8413, -17.3243

Tritanomaly

59.4730, 12.5848, -23.2168

Monochromacy



Original Color

61.4550, 19.9887, -17.9390

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.2040, 7.2944, -6.3179

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.4550, 19.9887, -17.9390 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(41, 64, 102)` looks like.

```
.text, #text, p{  
    color:rgb(41, 64, 102)  
}
```

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(41, 64, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 64, 102) }
```

Border

The CSS property to change the border of an element to YUV 61.4550, 19.9887, -17.9390 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(41, 64, 102) }
```


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

```
.border{ border-color:rgb(41, 64, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 64, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 64, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 64, 102);  
box-shadow:4px 4px 4px 4px rgb(41, 64,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 61.4550, 19.9887, -17.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 64, 102) }
```

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

```
.background{ background-color: rgb(41, 64,  
102) }
```

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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