

Converting Colors

YUV(63.1440, -21.7630,
27.0607)

Have a look what the booklet for
YUV(63.1440, -21.7630, 27.0607)
contains.

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Color

**YUV(63.1440, -21.7630,
27.0607)**

Conversions

Conversions Part 1

Format	Color
Hex	5E3813
RGB	94, 56, 19
RGB Percent	37%, 22%, 7%
CMY	0.6314, 0.7804, 0.9255
CMYK	0.00, 0.40, 0.80, 0.63
HSL	30°, 66%, 22%
HSV	30°, 80%, 37%
XYZ	6.1478, 5.2550, 1.3064
YIQ	63.1440, 34.5250, -3.4510

Conversions

Conversions Part 2

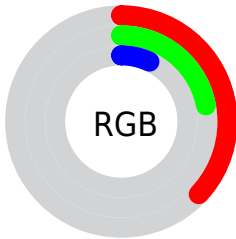
Format	Color
RYB	94, 92, 19
Decimal	6174739
CIELab	27.45, 13.43, 29.13
CIELCh	27, 32.072, 65.253
Yxy	5.2550, 0.4837, 0.4135
Android (android.graphics.Color)	4284364819 (0xFF5E3813)
YUV	63.1440, -21.7630, 27.0607
Hunter-Lab	22.9239, 7.7540, 12.6679

Details

The YUV color **63.1440, -21.7630, 27.0607** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **49.8560, 21.7630, -27.0607**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.0090, -23.6684, 31.5641**, and **21.0750, -10.3900, 19.2282** is the 20% darker color. If you saturate the color by 10%, you get **59.1830, -24.2472, 30.5345**, and if you desaturate by 10%, it is **67.1050, -19.2788, 23.5869**.

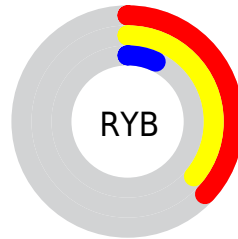
Distribution




 Red (37%)

 Green (22%)

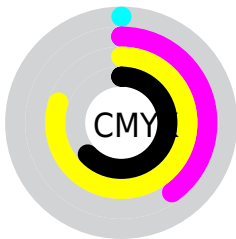
 Blue (7%)



 Red (37%)

 Yellow (36%)

 Blue (7%)

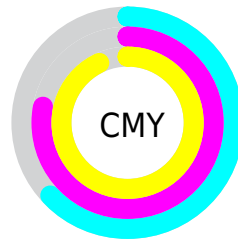


 Cyan (0%)

 Magenta (40%)

 Yellow (80%)

 Black (63%)



 Cyan (63%)


 Magenta (78%)


 Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YUV color 63.1440, -21.7630, 27.0607 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 63.1440, -21.7630, 27.0607 by changing the saturation by 10% instead.


 63.1440, -21.7630,
27.0607


 63.1440, -21.7630,
27.0607


 254.3160, -2.6208,
0.5999

 40.5890, -20.0104,
24.9164


 112.0090,
-23.6684, 31.5641


 21.0750, -10.3900,
19.2282


 137.7920,
-24.5475, 33.5084

 1.7940, -0.8844,
3.6887

 164.1620,
-25.7159, 34.9379

 0.0000, 0.0000,
0.0000

 191.6460,
-26.4475, 36.2675

 217.7380,
-25.9998, 32.6788

 237.2520,

-22.3092, 15.5650

■ 251.0100,
-15.2879, 3.4992

■ 63.1440, -21.7630,
27.0607

■ 63.1440, -21.7630,
27.0607

■ 59.1830, -24.2472,
30.5345

■ 67.1050, -19.2788,
23.5869

■ 55.1080, -27.1682,
34.1083

■ 71.1800, -16.3577,
20.0131

■ 74.5540, -13.5841,
17.0541

■ 78.6290, -10.6631,
13.4804

■ 82.5900, -8.1789,
10.0066

■ 86.5510, -5.6946,
6.5328

■ 90.0390, -2.4842,
3.4738

■ 94.0000, 0.0000,
0.0000

■ 98.0750, 2.9210,
-3.5738

Harmonies

Analogous

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



63.9140, -12.7756, 37.7864



63.1440, -21.7630, 27.0607



61.5350, -24.9138, 10.9318

Triad

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



63.1440, -21.7630, 27.0607



53.0650, 7.8560, -46.5380



66.0710, 19.1920, 4.3227

Complementary

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



63.1440, -21.7630, 27.0607



49.8560, 21.7630, -27.0607

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.



57.1200, 28.0418, -34.3082



63.1440, -21.7630, 27.0607



55.2140, 18.6285, -48.4227

Square

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



63.1440, -21.7630, 27.0607



49.8240, -3.3642, -41.0646



55.2770, 26.4854, -48.4779



66.1080, 9.8068, 27.9693

Rectangle

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



63.1440, -21.7630, 27.0607



60.0710, -21.2340, -2.6933



55.2770, 26.4854, -48.4779



65.2870, 21.5505, -5.5137

Sweetspot

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



63.1440, -21.7630, 27.0607



110.4760, -8.6157, 10.1065



45.8710, 5.9796, 42.2091



53.6650, -5.2578, 6.4328



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



63.1440, -21.7630, 27.0607



74.0290, -34.0313, 42.0706



84.8630, -32.4705, 8.0131



44.2560, -1.6052, 1.5295



64.5880, -31.8419, 39.8263



139.5420, -68.7942, 85.4707

Inverse Universe

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



49.8560, 21.7630, -27.0607



52.9710, 34.0313, -42.0706



28.1370, 32.4705, -8.0131



43.3310, 1.3158, -2.0443



45.4120, 31.8419, -39.8263



97.4580, 68.7942, -85.4707

Previews

White Background



This preview shows how the YUV color 63.1440, -21.7630, 27.0607 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 63.1440, -21.7630, 27.0607 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 63.1440, -21.7630, 27.0607

Background



This preview shows how black text looks on a background with the YUV color 63.1440, -21.7630, 27.0607.



This preview shows how white text looks on a background with the YUV color 63.1440, -21.7630,

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

63.1440, -21.7630, 27.0607

Protanopia

62.9630, -20.6878, 8.8024

Deuteranopia

62.8500, -22.6041, 16.7945



Tritanopia

65.6120, -4.7387, 26.6503

Trichromacy



Original Color

63.1440, -21.7630, 27.0607

Protanomaly

62.8930, -21.1462, 15.8798

Deuteranomaly

62.9860, -22.1781, 20.1833

Tritanomaly

64.4180, -10.5591, 26.8204

Monochromacy



Original Color

63.1440, -21.7630, 27.0607

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7040, -7.7421, 9.9066

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.1440, -21.7630, 27.0607 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(94, 56, 19)` looks like.

```
.text, #text, p{  
    color:rgb(94, 56, 19)  
}
```

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(94, 56, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 56, 19) }
```

Border

The CSS property to change the border of an element to YUV 63.1440, -21.7630, 27.0607 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(94, 56, 19) }
```


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

```
.border{ border-color:rgb(94, 56, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 56, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 56, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 56, 19);  
box-shadow:4px 4px 4px 4px rgb(94, 56, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.1440, -21.7630, 27.0607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 56, 19) }
```

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

```
.background{ background-color: rgb(94, 56,  
19) }
```

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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