

Converting Colors

YUV(63.0460, -22.7007,
94.6757)

Have a look what the booklet for
YUV(63.0460, -22.7007, 94.6757)
contains.

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Color

**YUV(63.0460, -22.7007,
94.6757)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AB1111 |
| RGB | 171, 17, 17 |
| RGB Percent | 67%, 7%, 7% |
| CMY | 0.3294, 0.9333, 0.9333 |
| CMYK | 0.00, 0.90, 0.90, 0.33 |
| HSL | 0°, 82%, 37% |
| HSV | 0°, 90%, 67% |
| XYZ | 17.0962, 9.0993, 1.3856 |
| YIQ | 63.0460, 91.7840, 32.6480 |

Conversions

Conversions Part 2

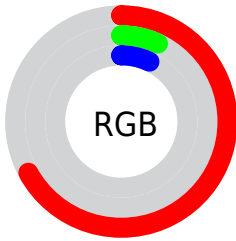
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 171, 17, 17 |
| Decimal | 11211025 |
| CIE Lab | 36.17, 57.35, 43.26 |
| CIE LCh | 36, 71.840, 37.029 |
| Yxy | 9.0993, 0.6199, 0.3299 |
| Android (android.graphics.Color) | 4289401105 (0xFFAB1111) |
| YUV | 63.0460, -22.7007, 94.6757 |
| Hunter-Lab | 30.1650, 48.3771, 18.3921 |

Details

The YUV color **63.0460, -22.7007, 94.6757** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **124.9540, 22.7007, -94.6757**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8690, -30.9944, 94.8309**, and **32.5910, -16.0674, 67.0107** is the 20% darker color. If you saturate the color by 10%, you get **51.1290, -25.2066, 105.1269**, and if you desaturate by 10%, it is **74.9630, -20.1948, 84.2244**.

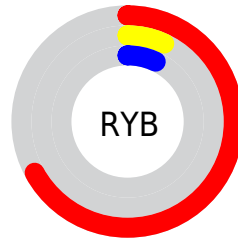
Distribution



Red (67%)

Green (7%)

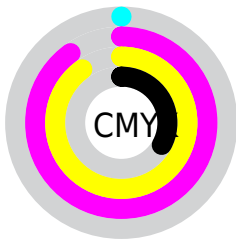
Blue (7%)



Red (67%)

Yellow (7%)

Blue (7%)

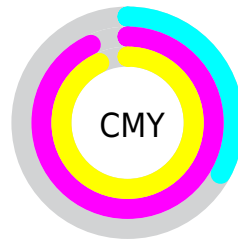


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (33%)



Cyan (33%)


Magenta (93%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YUV color 63.0460, -22.7007, 94.6757 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 63.0460, -22.7007, 94.6757 by changing the saturation by 10% instead.


 63.0460, -22.7007,
94.6757


 63.0460, -22.7007,
94.6757


 254.2020, -3.0576,
0.6998

 41.8600, -20.6370,
86.0688

 125.8690,
-30.9944, 94.8309

 32.5910, -16.0674,
67.0107


 151.2060,
-32.1466, 91.0273

 23.6210, -11.6452,
48.5674

 170.4920,
-29.3296, 74.1135

 15.4770, -6.6442,
31.1537


 189.8920,
-26.0758, 57.0997


 0.0000, 0.0000,
0.0000


 209.9930,
-22.6745, 39.4711


 230.0940,


-19.2733, 21.8426


 250.3090,
-15.4353, 4.1140


 63.0460, -22.7007,
94.6757


 63.0460, -22.7007,
94.6757


 51.1290, -25.2066,
105.1269

 74.9630, -20.1948,
84.2244

 86.8800, -17.6888,
73.7732

 98.7970, -15.1829,
63.3220

 110.7140,
-12.6770, 52.8708

 122.6310,
-10.1711, 42.4196

■ 135.2490, -7.5178,
31.3536

■ 147.1660, -5.0118,
20.9024

■ 159.0830, -2.5059,
10.4512

■ 171.0000, 0.0000,
0.0000

Harmonies

Analogous

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



62.5550, 5.6424, 103.8763



63.0460, -22.7007, 94.6757



79.1290, -39.0106, 52.5069

Triad

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



63.0460, -22.7007, 94.6757



65.7390, -14.6613, -57.6531



75.2710, 62.4774, -66.0127

Complementary

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



63.0460, -22.7007, 94.6757



124.9540, 22.7007, -94.6757

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.



82.4630, 54.4947, -72.3201



63.0460, -22.7007, 94.6757



74.5680, 11.5520, -65.3961

Square

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



63.0460, -22.7007, 94.6757



64.0820, -31.5924, -40.4139



80.9520, 36.0127, -70.9949



85.2160, 46.2355, 10.3346

Rectangle

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



63.0460, -22.7007, 94.6757



80.4370, -39.6554, 25.9268



80.9520, 36.0127, -70.9949



78.9070, 61.1778, -69.2014

Sweetspot

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



63.0460, -22.7007, 94.6757



179.9400, -8.8444, 36.8866



80.6020, 44.5662, 79.2790



86.7640, -5.3067, 22.1320



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



63.0460, -22.7007, 94.6757



66.3780, -32.7244, 136.4805



108.2450, -44.9838, 55.0361



80.6910, -1.3267, 5.5330



44.8500, -22.1110, 92.2166



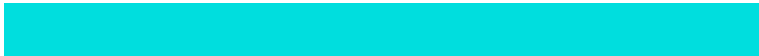
6.8770, -3.3904, 14.1399

Inverse Universe

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



124.9540, 22.7007, -94.6757



155.6220, 32.7244, -136.4805



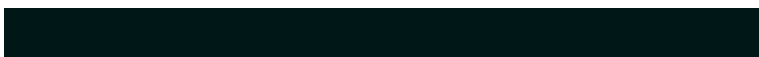
79.7550, 44.9838, -55.0361



84.3090, 1.3267, -5.5330



105.1500, 22.1110, -92.2166



16.1230, 3.3904, -14.1399

Previews

White Background



This preview shows how the YUV color 63.0460, -22.7007, 94.6757 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 63.0460, -22.7007, 94.6757

Background



This preview shows how black text looks on a background with the YUV color 63.0460, -22.7007, 94.6757.



This preview shows how white text looks on a background with the YUV color 63.0460, -22.7007,

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

63.0460, -22.7007, 94.6757

Protanopia

83.6060, -25.9348, 11.7465

Deuteranopia

81.6110, -40.2342, 24.8972



Tritanopia

62.9490, -25.6109, 94.7607

Trichromacy



Original Color

63.0460, -22.7007, 94.6757

Protanomaly

76.4340, -24.8640, 41.7154

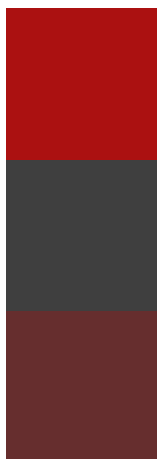
Deuteranomaly

74.7850, -33.9110, 50.1776

Tritanomaly

63.1770, -24.7373, 94.5608

Monochromacy



Original Color

63.0460, -22.7007, 94.6757

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7440, -8.2548, 34.4275

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.0460, -22.7007, 94.6757 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(171, 17, 17)` looks like.

```
.text, #text, p{  
    color:rgb(171, 17, 17)  
}
```

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(171, 17, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 17, 17) }
```

Border

The CSS property to change the border of an element to YUV 63.0460, -22.7007, 94.6757 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(171, 17, 17) }
```


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

```
.border{ border-color:rgb(171, 17, 17) }
```

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

Here you see how a box with a 4 pixel rgb(171, 17, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 17, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 17, 17);  
box-shadow:4px 4px 4px 4px rgb(171, 17,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 63.0460, -22.7007, 94.6757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 17, 17) }
```

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

```
.background{ background-color: rgb(171, 17,  
17) }
```

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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