

Converting Colors

YUV(64.5730, -22.4675,
19.6685)

Have a look what the booklet for
YUV(64.5730, -22.4675, 19.6685)
contains.

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Color

**YUV(64.5730, -22.4675,
19.6685)**

Conversions

Conversions Part 1

Format	Color
Hex	573E13
RGB	87, 62, 19
RGB Percent	34%, 24%, 7%
CMY	0.6588, 0.7569, 0.9255
CMYK	0.00, 0.29, 0.78, 0.66
HSL	38°, 64%, 21%
HSV	38°, 78%, 34%
XYZ	5.7706, 5.5185, 1.3771
YIQ	64.5730, 28.7030, -8.0730

Conversions

Conversions Part 2

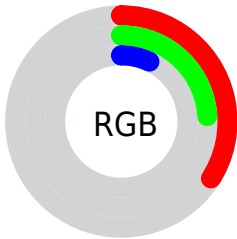
Format	Color
R_{YB}	59, 87, 19
Decimal	5717523
CIE Lab	28.16, 6.16, 29.55
CIE LCh	28, 30.181, 78.231
Yxy	5.5185, 0.4556, 0.4357
Android (android.graphics.Color)	4283907603 (0xFF573E13)
YUV	64.5730, -22.4675, 19.6685
Hunter-Lab	23.4915, 2.7381, 12.9683

Details

The YUV color **64.5730, -22.4675, 19.6685** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **41.4270, 22.4675, -19.6685**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.1390, -24.2255, 23.5571**, and **23.1020, -11.3893, 13.0655** is the 20% darker color. If you saturate the color by 10%, you get **61.7860, -25.5305, 22.1127**, and if you desaturate by 10%, it is **67.3600, -19.4045, 17.2243**.

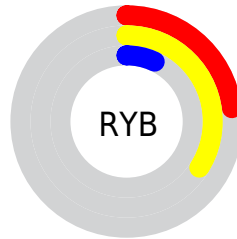
Distribution



Red (34%)

Green (24%)

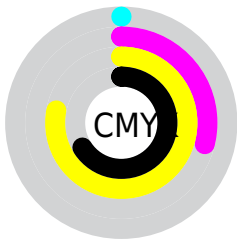
Blue (7%)



Red (23%)

Yellow (34%)

Blue (7%)

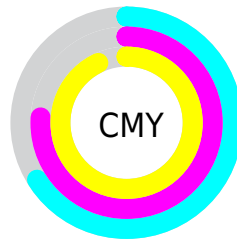


Cyan (0%)

Magenta (29%)

Yellow (78%)

Black (66%)



Cyan (66%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.5730, -22.4675, 19.6685 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 64.5730, -22.4675, 19.6685 by changing the saturation by 10% instead.

■ 64.5730, -22.4675,
19.6685

■ 64.5730, -22.4675,
19.6685

■ 254.3160, -2.6208,
0.5999

■ 42.3170, -20.8623,
18.1390

■ 113.1390,
-24.2255, 23.5571

■ 23.1020, -11.3893,
13.0655

■ 139.2100,
-25.2465, 24.3718

■ 0.0000, 0.0000,
0.0000


■ 165.6940,
-25.9781, 25.7014


■ 193.1780,
-26.7098, 27.0309


■ 220.6620,
-27.4414, 28.3604


■ 241.4750,


-23.8982, 11.8614


 251.1240,
-14.8511, 3.3993


 64.5730, -22.4675,
19.6685


 64.5730, -22.4675,
19.6685


 61.7860, -25.5305,
22.1127


 67.3600, -19.4045,
17.2243


 59.1130, -28.1567,
24.4569

 70.0330, -16.7783,
14.8801

 58.2980, -28.7409,
25.1717

 73.4070, -14.0047,
11.9211

 76.1940, -10.9416,
9.4769

 78.9810, -7.8786,
7.0327

■ 81.6540, -5.2524,
4.6884

■ 84.4410, -2.1894,
2.2442

■ 87.8150, 0.5842,
-0.7148

■ 90.4880, 3.2104,
-3.0590

Harmonies

Analogous

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



65.6700, -16.1063, 32.7384



64.5730, -22.4675, 19.6685



62.9900, -21.6871, 2.6398

Triad

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



64.5730, -22.4675, 19.6685



54.9060, 12.3713, -48.1526



68.5840, 14.5021, 15.2738

Complementary

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



64.5730, -22.4675, 19.6685



41.4270, 22.4675, -19.6685

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.



65.4710, 22.4458, -12.6911



64.5730, -22.4675, 19.6685



56.1260, 22.1229, -49.2225

Square

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



64.5730, -22.4675, 19.6685



51.5830, 2.1776, -45.2383



55.0320, 28.0852, -48.2631



67.4630, 4.7017, 32.0429

Rectangle

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



64.5730, -22.4675, 19.6685



60.3950, -15.9707, -10.8704



55.0320, 28.0852, -48.2631



68.5120, 17.0026, 6.5670

Sweetspot

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



64.5730, -22.4675, 19.6685



103.7530, -8.7522, 7.2326



42.2960, 1.3331, 39.2054



50.6540, -5.2524, 4.6884



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.



64.5730, -22.4675, 19.6685



77.1370, -34.5775, 30.5749



76.8560, -28.5230, 1.8803



41.9570, -1.4578, 0.9147



71.9090, -35.4511, 30.7748



157.1410, -77.4705, 68.2823

Inverse Universe

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



41.4270, 22.4675, -19.6685



41.8630, 34.5775, -30.5749



29.1440, 28.5230, -1.8803



40.6300, 1.1684, -1.4295



35.0910, 35.4511, -30.7748



77.2720, 77.7599, -67.7675

Previews

White Background



This preview shows how the YUV color 64.5730, -22.4675, 19.6685 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 64.5730, -22.4675, 19.6685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

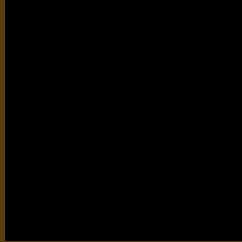
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 64.5730, -22.4675, 19.6685

Background



This preview shows how black text looks on a background with the YUV color 64.5730, -22.4675, 19.6685.



This preview shows how white text looks on a background with the YUV color 64.5730, -22.4675,

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

64.5730, -22.4675, 19.6685

Protanopia

64.0340, -21.7088, 9.6172

Deuteranopia

64.1490, -22.7515, 17.4093



Tritanopia

68.0240, -2.9698, 19.2730

Trichromacy



Original Color

64.5730, -22.4675, 19.6685

Protanomaly

64.0560, -21.7196, 13.1059

Deuteranomaly

64.4480, -22.8989, 18.0241

Tritanomaly

66.4880, -10.1006, 19.7430

Monochromacy



Original Color

64.5730, -22.4675, 19.6685

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8670, -8.3154, 7.1326

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.5730, -22.4675, 19.6685 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(87, 62, 19)` looks like.

```
.text, #text, p{  
    color:rgb(87, 62, 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(87, 62, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 62, 19) }
```

Border

The CSS property to change the border of an element to YUV 64.5730, -22.4675, 19.6685 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(87, 62, 19) }
```


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

```
.border{ border-color:rgb(87, 62, 19) }
```

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

Here you see how a box with a 4 pixel rgb(87, 62, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 62, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 62, 19);  
box-shadow:4px 4px 4px 4px rgb(87, 62, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.5730, -22.4675, 19.6685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 62, 19) }
```

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

```
.background{ background-color: rgb(87, 62,  
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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