

Converting Colors

YUV(66.7250, -22.5424,
90.5722)

Have a look what the booklet for
YUV(66.7250, -22.5424, 90.5722)
contains.

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Color

**YUV(66.7250, -22.5424,
90.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	AA1715
RGB	170, 23, 21
RGB Percent	67%, 9%, 8%
CMY	0.3333, 0.9098, 0.9176
CMYK	0.00, 0.86, 0.88, 0.33
HSL	1°, 78%, 37%
HSV	1°, 88%, 67%
XYZ	17.0193, 9.2130, 1.5907
YIQ	66.7250, 88.2540, 30.5420

Conversions

Conversions Part 2

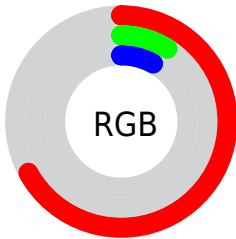
Format	Color
R _Y B	170, 23, 21
Decimal	11147029
CIE Lab	36.39, 56.00, 41.44
CIE LCh	36, 69.660, 36.502
Yxy	9.2130, 0.6117, 0.3311
Android (android.graphics.Color)	4289337109 (0xFFAA1715)
YUV	66.7250, -22.5424, 90.5722
Hunter-Lab	30.3529, 46.9700, 18.1398

Details

The YUV color **66.7250, -22.5424, 90.5722** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **124.2750, 22.5424, -90.5722**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.0860, -30.1154, 92.8866**, and **32.2920, -15.9200, 66.3959** is the 20% darker color. If you saturate the color by 10%, you get **54.8080, -25.0483, 101.0234**, and if you desaturate by 10%, it is **78.6420, -20.0365, 80.1210**.

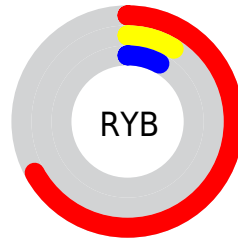
Distribution



Red (67%)

Green (9%)

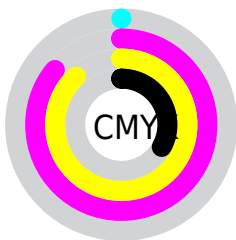
Blue (8%)



Red (67%)

Yellow (9%)

Blue (8%)

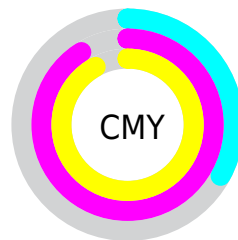


Cyan (0%)

Magenta (86%)

Yellow (88%)

Black (33%)



Cyan (33%)


Magenta (91%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 66.7250, -22.5424, 90.5722 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 66.7250, -22.5424, 90.5722 by changing the saturation by 10% instead.


 66.7250, -22.5424,
90.5722


 66.7250, -22.5424,
90.5722


254.6580, -1.3104,
0.2999


 41.5610, -20.4896,
85.4540


 127.0860,
-30.1154, 92.8866


 32.2920, -15.9200,
66.3959

 152.8360,
-30.9781, 89.5978


 23.3220, -11.4977,
47.9526

 172.1220,
-28.1611, 72.6840

 15.1780, -6.4968,
30.5389


 191.5220,
-24.9073, 55.6702


 0.0000, 0.0000,
0.0000


 211.6230,
-21.5061, 38.0416


 231.7240,


-18.1049, 20.4131


 251.3520,
-13.9775, 3.1993


 66.7250, -22.5424,
90.5722


 66.7250, -22.5424,
90.5722

 54.8080, -25.0483,
101.0234

 78.6420, -20.0365,
80.1210

 52.0040, -25.6380,
103.4825

 90.5590, -17.5306,
69.6698

 101.8890,
-14.7353, 59.7333

 113.8060,
-12.2294, 49.2821

 125.7230, -9.7234,
38.8309

■ 137.6400, -7.2175,
28.3797

■ 148.9700, -4.4222,
18.4433

■ 160.8870, -1.9163,
7.9921

■ 172.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



62.1850, 6.8108, 102.4468



66.7250, -22.5424, 90.5722



80.0150, -39.4474, 52.6068

Triad

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



66.7250, -22.5424, 90.5722



66.4400, -14.5139, -58.2679



75.5160, 60.8776, -66.2275

Complementary

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



66.7250, -22.5424, 90.5722



124.2750, 22.5424, -90.5722

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.



82.1210, 53.1843, -72.0201



66.7250, -22.5424, 90.5722



74.4540, 11.1152, -65.2962

Square

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



66.7250, -22.5424, 90.5722



66.4740, -32.7717, -35.4957



80.7240, 35.1391, -70.7949



85.8630, 44.9305, 8.8901

Rectangle

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



66.7250, -22.5424, 90.5722



80.7360, -39.8028, 26.5415



80.7240, 35.1391, -70.7949



79.0380, 59.1413, -69.3163

Sweetspot

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



66.7250, -22.5424, 90.5722



181.9290, -8.8390, 35.1423



82.5370, 43.1193, 76.7051



88.0520, -5.4486, 21.0024



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.



66.7250, -22.5424, 90.5722



68.1390, -33.5925, 134.9361



108.9890, -43.3786, 53.5066



78.3920, -1.1793, 4.9182



45.4260, -22.3950, 89.9574



5.9800, -2.9481, 12.2955

Inverse Universe

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



124.2750, 22.5424, -90.5722



153.8610, 33.5925, -134.9361



81.4240, 43.6680, -52.9918



81.6080, 1.1793, -4.9182



102.5740, 22.3950, -89.9574



14.0200, 2.9481, -12.2955

Previews

White Background



This preview shows how the YUV color 66.7250, -22.5424, 90.5722 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

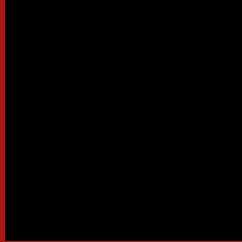
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.7250, -22.5424, 90.5722

Background



This preview shows how black text looks on a background with the YUV color 66.7250, -22.5424, 90.5722.



This preview shows how white text looks on a background with the YUV color 66.7250, -22.5424,

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

66.7250, -22.5424, 90.5722

Protanopia

84.6490, -24.4770, 10.8318

Deuteranopia

81.6110, -40.2342, 24.8972



Tritanopia

66.6110, -22.9792, 90.6722

Trichromacy



Original Color

66.7250, -22.5424, 90.5722

Protanomaly

78.0640, -23.6956, 40.2859

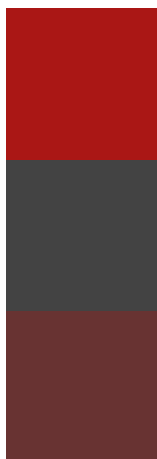
Deuteranomaly

76.1870, -33.6162, 48.9480

Tritanomaly

66.6110, -22.9792, 90.6722

Monochromacy



Original Color

66.7250, -22.5424, 90.5722

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.7330, -8.2494, 32.6832

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.7250, -22.5424, 90.5722 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(170, 23, 21)` looks like.

```
.text, #text, p{  
    color:rgb(170, 23, 21)  
}
```

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(170, 23, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 23, 21) }
```

Border

The CSS property to change the border of an element to YUV 66.7250, -22.5424, 90.5722 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(170, 23, 21) }
```


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

```
.border{ border-color:rgb(170, 23, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 23, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 23, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 23, 21);  
box-shadow:4px 4px 4px 4px rgb(170, 23,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 66.7250, -22.5424, 90.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 23, 21) }
```

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

```
.background{ background-color: rgb(170, 23,  
21) }
```

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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