

Converting Colors

YUV(77.0750, 20.1760, 62.2012)

Have a look what the booklet for
YUV(77.0750, 20.1760, 62.2012)
contains.

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Color

**YUV(77.0750, 20.1760,
62.2012)**

Conversions

Conversions Part 1

Format	Color
Hex	942176
RGB	148, 33, 118
RGB Percent	58%, 13%, 46%
CMY	0.4196, 0.8706, 0.5373
CMYK	0.00, 0.78, 0.20, 0.42
HSL	316°, 64%, 35%
HSV	316°, 78%, 58%
XYZ	16.0266, 8.6916, 17.9725
YIQ	77.0750, 41.2550, 50.8150

Conversions

Conversions Part 2

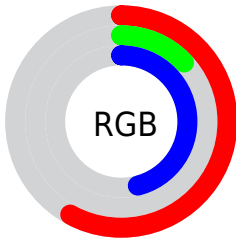
Format	Color
R_{YB}	148, 33, 118
Decimal	9707894
CIE _{Lab}	35.38, 54.75, -21.12
CIE _{LCh}	35, 58.680, 338.908
Yxy	8.6916, 0.3754, 0.2036
Android (android.graphics.Color)	4287897974 (0xFF942176)
YUV	77.0750, 20.1760, 62.2012
Hunter-Lab	29.4816, 45.4426, -15.5072

Details

The YUV color **77.0750, 20.1760, 62.2012** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **103.9250, -20.1760, -62.2012**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.5050, 17.9920, 62.7011**, and **35.6730, 16.4302, 50.2758** is the 20% darker color. If you saturate the color by 10%, you get **67.8140, 22.7697, 70.3231**, and if you desaturate by 10%, it is **86.3360, 17.5824, 54.0793**.

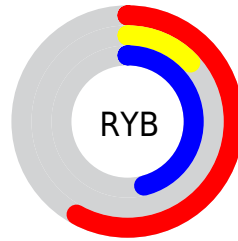
Distribution



Red (58%)

Green (13%)

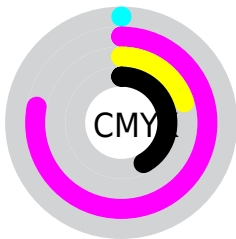
Blue (46%)



Red (58%)

Yellow (13%)

Blue (46%)

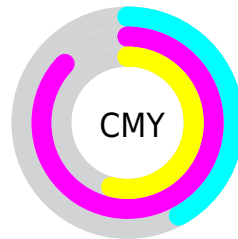


Cyan (0%)

Magenta (78%)

Yellow (20%)

Black (42%)



Cyan (42%)


Magenta (87%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 77.0750, 20.1760, 62.2012 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 77.0750, 20.1760, 62.2012 by changing the saturation by 10% instead.


 77.0750, 20.1760,
62.2012


 77.0750, 20.1760,
62.2012


255.0000, 0.0000,
0.0000


 46.4820, 22.9334,
64.4753


 133.5050, 17.9920,
62.7011


 35.6730, 16.4302,
50.2758

 162.1030, 17.6972,
63.9307


 25.3910, 10.6532,
36.4911

 187.1240, 19.1659,
59.5273

 15.5220, 5.1657,
23.2212

 206.8660, 23.7301,
42.2135

 0.0000, 0.0000,
0.0000

 223.8890, 15.3377,
27.2843

 240.9120, 6.9454,

12.3552

■ 77.0750, 20.1760,
62.2012

■ 77.0750, 20.1760,
62.2012

■ 67.8140, 22.7697,
70.3231

■ 86.3360, 17.5824,
54.0793

■ 58.5530, 25.3634,
78.4450

■ 95.5970, 14.9887,
45.9574

■ 56.6780, 25.7947,
80.0894

■ 104.2710, 12.6844,
38.3503

■ 113.4180, 9.6539,
30.3284

■ 122.6790, 7.0603,
22.2065

■ 131.9400, 4.4666,
14.0846

■ 141.2010, 1.8729,
5.9627

■ 149.8750, -0.4314,
-1.6444

■ 159.1360, -3.0250,
-9.7663

Harmonies

Analogous

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



84.7790, 35.6050, 13.3488



77.0750, 20.1760, 62.2012



66.5220, 2.2077, 85.4882

Triad

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



77.0750, 20.1760, 62.2012



77.3920, -38.1543, 11.0572



76.0620, 32.5074, -66.7064

Complementary

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



77.0750, 20.1760, 62.2012



103.9250, -20.1760, -62.2012

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.



71.4050, 12.1253, -62.6222



77.0750, 20.1760, 62.2012



66.5180, -32.7934, -28.5183

Square

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



77.0750, 20.1760, 62.2012



78.1880, -38.5467, 43.6851



64.6450, -8.6990, -56.6937



76.4330, 46.6215, -67.0317

Rectangle

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



77.0750, 20.1760, 62.2012



71.2980, -14.9369, 77.7917



64.6450, -8.6990, -56.6937



75.0530, 26.1029, -65.8215

Sweetspot

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



77.0750, 20.1760, 62.2012



163.9180, 7.9284, 23.7509



54.7810, 45.9570, 6.3311



80.3530, 4.7560, 14.5994



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



77.0750, 20.1760, 62.2012



81.2700, 31.4189, 96.2332



70.6910, -4.2847, 67.8000



69.6630, 1.1521, 3.8035



52.8900, 24.2112, 74.6415



3.9020, 2.0203, 5.3479

Inverse Universe

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



77.0750, 20.1760, 62.2012



81.2700, 31.4189, 96.2332



110.3090, 4.2847, -67.8000



69.6630, 1.1521, 3.8035



52.8900, 24.2112, 74.6415



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 77.0750, 20.1760, 62.2012 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 77.0750, 20.1760, 62.2012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

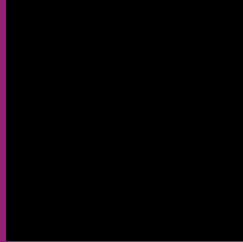
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.0750, 20.1760, 62.2012

Background



This preview shows how black text looks on a background with the YUV color 77.0750, 20.1760, 62.2012.



This preview shows how white text looks on a background with the YUV color 77.0750, 20.1760,

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

77.0750, 20.1760, 62.2012

Protanopia

79.4870, 38.2139, -30.2451

Deuteranopia

84.6970, 12.9674, -5.8733



Tritanopia

80.9530, -11.8088, 54.4152

Trichromacy



Original Color

77.0750, 20.1760, 62.2012

Protanomaly

78.3880, 31.8537, 3.1677

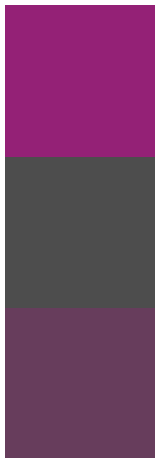
Deuteranomaly

81.9480, 15.8016, 18.4626

Tritanomaly

79.3630, -0.1790, 57.5636

Monochromacy



Original Color

77.0750, 20.1760, 62.2012

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.0920, 7.3496, 22.7213

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.0750, 20.1760, 62.2012 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(148, 33, 118)` looks like.

```
.text, #text, p{  
    color:rgb(148, 33, 118)  
}
```

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(148, 33, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 33, 118) }
```

Border

The CSS property to change the border of an element to YUV 77.0750, 20.1760, 62.2012 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(148, 33, 118) }
```


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

```
.border{ border-color:rgb(148, 33, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 33, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 33, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 33, 118);  
box-shadow:4px 4px 4px 4px rgb(148, 33,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 77.0750, 20.1760, 62.2012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 33, 118) }
```

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

```
.background{ background-color: rgb(148, 33,  
118) }
```

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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