

Converting Colors

YUV(78.0220, -6.4198, 52.6007)

Have a look what the booklet for
YUV(78.0220, -6.4198, 52.6007)
contains.

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Color

**YUV(78.0220, -6.4198,
52.6007)**

Conversions

Conversions Part 1

Format	Color
Hex	8A3241
RGB	138, 50, 65
RGB Percent	54%, 20%, 25%
CMY	0.4588, 0.8039, 0.7451
CMYK	0.00, 0.64, 0.53, 0.46
HSL	350°, 47%, 37%
HSV	350°, 64%, 54%
XYZ	12.5760, 8.0661, 5.8951
YIQ	78.0220, 47.6330, 23.3210

Conversions

Conversions Part 2

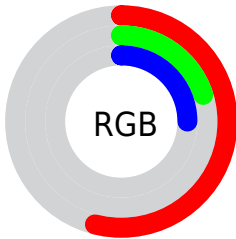
Format	Color
R_{YB}	138, 50, 65
Decimal	9056833
CIE _{Lab}	34.12, 38.75, 10.75
CIE _{LCh}	34, 40.212, 15.510
Yxy	8.0661, 0.4739, 0.3040
Android (android.graphics.Color)	4287246913 (0xFF8A3241)
YUV	78.0220, -6.4198, 52.6007
Hunter-Lab	28.4009, 29.3384, 7.5740

Details

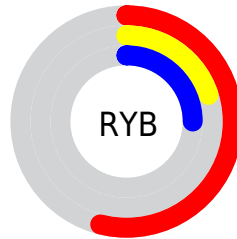
The YUV color **78.0220, -6.4198, 52.6007** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **109.9780, 6.4198, -52.6007**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.4740, -8.6147, 56.5893**, and **27.4390, -2.1884, 48.7270** is the 20% darker color. If you saturate the color by 10%, you get **68.5500, -7.1731, 60.9077**, and if you desaturate by 10%, it is **87.4940, -5.6665, 44.2938**.

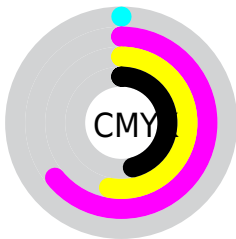
Distribution



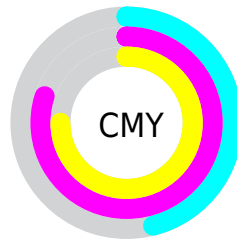
- Red (54%)
- Green (20%)
- Blue (25%)



- Red (54%)
- Yellow (20%)
- Blue (25%)



- Cyan (0%)
- Magenta (64%)
- Yellow (53%)
- Black (46%)





- Cyan (46%)
- Magenta (80%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.0220, -6.4198, 52.6007 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 78.0220, -6.4198, 52.6007 by changing the saturation by 10% instead.


 78.0220, -6.4198,
52.6007

 78.0220, -6.4198,
52.6007


255.0000, 0.0000,
0.0000

 51.8800, -4.3778,
50.9712


 130.4740, -8.6147,
56.5893

 27.4390, -2.1884,
48.7270

 157.5560, -9.6411,
59.1484

 17.3420, -8.5496,
35.6571

 185.0400,
-10.3727, 60.4779

 7.8880, -3.3958,
15.8842

 204.2660, -6.5401,
44.4937

 0.0000, 0.0000,
0.0000

 223.8940, -2.4127,
27.2800

 244.2230, 1.8621,

9.4514

■ 78.0220, -6.4198,
52.6007

■ 78.0220, -6.4198,
52.6007

■ 68.5500, -7.1731,
60.9077

■ 87.4940, -5.6665,
44.2938

■ 58.9640, -8.3633,
69.3146

■ 97.0800, -4.4764,
35.8868

■ 50.0790, -9.4059,
77.1067

■ 105.9650, -3.4337,
28.0947

■ 43.9980, -9.8590,
82.4398

■ 115.5510, -2.2436,
19.6878

■ 125.0230, -1.4903,
11.3808

■ 134.6090, -0.3002,
2.9739

■ 144.0810, 0.4531,
-5.3330

■ 153.0800, 1.9326,
-13.2252

■ 162.5520, 2.6859,
-21.5321

Harmonies

Analogous

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



80.4520, 8.1582, 43.4536



78.0220, -6.4198, 52.6007



78.1940, -20.8016, 45.4339

Triad

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



78.0220, -6.4198, 52.6007



69.9220, -18.6955, -23.6106



67.8440, 36.5589, -59.4992

Complementary

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



78.0220, -6.4198, 52.6007



109.9780, 6.4198, -52.6007

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.



69.4280, 27.3970, -60.8884



78.0220, -6.4198, 52.6007



62.3600, 0.3155, -54.6897

Square

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



78.0220, -6.4198, 52.6007



74.5530, -32.3176, 5.6540



66.7090, 14.4405, -58.5038



76.6250, 32.2299, -24.2271

Rectangle

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



78.0220, -6.4198, 52.6007



77.6520, -28.9154, 34.5082



66.7090, 14.4405, -58.5038



69.1490, 33.9435, -60.6437

Sweetspot

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



78.0220, -6.4198, 52.6007



155.7360, -2.8278, 20.4025



81.5600, 27.8249, 35.4659



75.3220, -1.6377, 11.9956



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



78.0220, -6.4198, 52.6007



84.8840, -10.2958, 82.5397



92.7480, -21.0748, 39.6860



64.2070, -0.5951, 4.2035



42.3890, -9.5588, 79.4658



1.6090, -0.3002, 2.9739

Inverse Universe

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



78.0220, -6.4198, 52.6007



84.8840, -10.2958, 82.5397



95.2520, 21.0748, -39.6860



64.2070, -0.5951, 4.2035



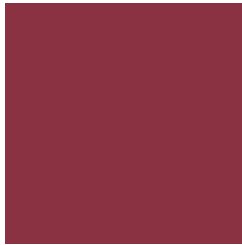
42.3890, -9.5588, 79.4658



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 78.0220, -6.4198, 52.6007 looks on a white background.

Color Contrast Check

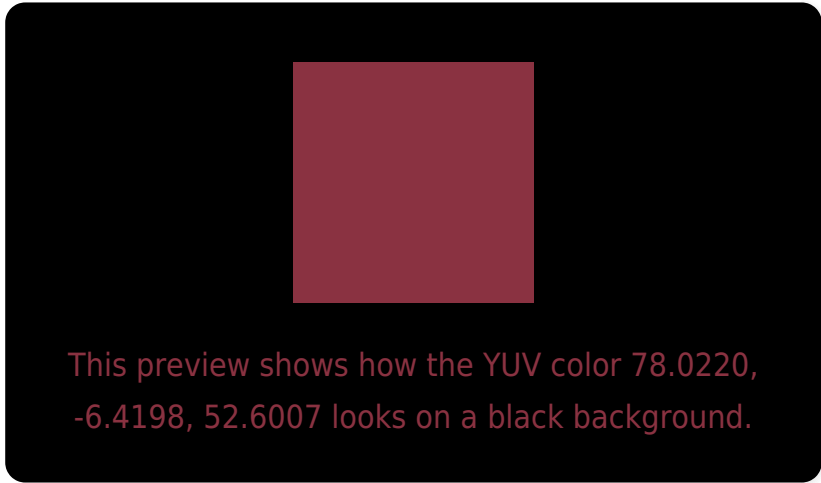
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.0220, -6.4198, 52.6007

Background



This preview shows how black text looks on a background with the YUV color 78.0220, -6.4198, 52.6007.



This preview shows how white text looks on a background with the YUV color 78.0220, -6.4198,

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

78.0220, -6.4198, 52.6007

Protanopia

81.4840, -0.7316, 1.3295

Deuteranopia

81.4440, -10.0789, 12.7656



Tritanopia

77.7570, -11.2192, 51.9561

Trichromacy



Original Color

78.0220, -6.4198, 52.6007

Protanomaly

80.4370, -2.6804, 19.7878

Deuteranomaly

80.1730, -8.9593, 27.0353

Tritanomaly

77.6260, -9.1826, 52.0710

Monochromacy



Original Color

78.0220, -6.4198, 52.6007

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.1380, -2.5330, 19.1730

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.0220, -6.4198, 52.6007 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(138, 50, 65)` looks like.

```
.text, #text, p{  
    color:rgb(138, 50, 65)  
}
```

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(138, 50, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 50, 65) }
```

Border

The CSS property to change the border of an element to YUV 78.0220, -6.4198, 52.6007 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(138, 50, 65) }
```


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

```
.border{ border-color:rgb(138, 50, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 50, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 50, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 50, 65);  
box-shadow:4px 4px 4px 4px rgb(138, 50,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 78.0220, -6.4198, 52.6007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 50, 65) }
```

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

```
.background{ background-color: rgb(138, 50,  
65) }
```

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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