

Converting Colors

YUV(77.2340, -24.7654,
56.7998)

Have a look what the booklet for
YUV(77.2340, -24.7654, 56.7998)
contains.

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Color

**YUV(77.2340, -24.7654,
56.7998)**

Conversions

Conversions Part 1

Format	Color
Hex	8E361B
RGB	142, 54, 27
RGB Percent	56%, 21%, 11%
CMY	0.4431, 0.7882, 0.8941
CMYK	0.00, 0.62, 0.81, 0.44
HSL	14°, 68%, 33%
HSV	14°, 81%, 56%
XYZ	12.6723, 8.4682, 2.0035
YIQ	77.2340, 61.1150, 10.2590

Conversions

Conversions Part 2

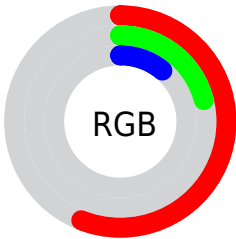
Format	Color
R_{YB}	142, 62, 27
Decimal	9319963
CIE _{Lab}	34.94, 35.86, 35.03
CIE _{LCh}	35, 50.131, 44.322
Yxy	8.4682, 0.5475, 0.3659
Android (android.graphics.Color)	4287510043 (0xFF8E361B)
YUV	77.2340, -24.7654, 56.7998
Hunter-Lab	29.1003, 26.8062, 16.2881

Details

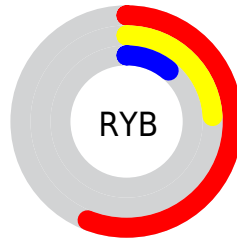
The YUV color **77.2340, -24.7654, 56.7998** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **91.7660, 24.7654, -56.7998**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.4690, -27.8392, 62.7327**, and **25.4150, -12.5296, 52.2560** is the 20% darker color. If you saturate the color by 10%, you get **69.1810, -27.6972, 63.8623**, and if you desaturate by 10%, it is **85.2870, -21.8335, 49.7373**.

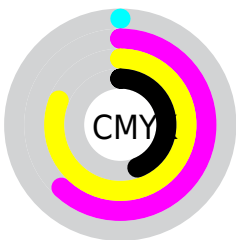
Distribution



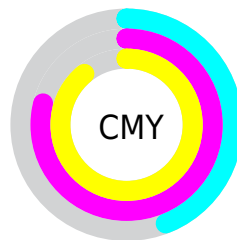
- Red (56%)
- Green (21%)
- Blue (11%)



- Red (56%)
- Yellow (24%)
- Blue (11%)



- Cyan (0%)
- Magenta (62%)
- Yellow (81%)
- Black (44%)



- Cyan (44%)
- Magenta (79%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.2340, -24.7654, 56.7998 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 77.2340, -24.7654, 56.7998 by changing the saturation by 10% instead.

■ 77.2340, -24.7654,
56.7998

■ 77.2340, -24.7654,
56.7998

255.0000, 0.0000,
0.0000

■ 51.1520, -23.7389,
54.2407

■ 129.4690,
-27.8392, 62.7327

■ 25.4150, -12.5296,
52.2560

■ 156.7360,
-29.4498, 66.0065

■ 17.0430, -8.4022,
35.0423

■ 182.3120,
-29.7338, 63.7474

■ 8.1870, -3.5432,
16.4990

■ 201.1250,
-26.1906, 47.2484

■ 0.0000, 0.0000,
0.0000

■ 220.6390,
-22.5000, 30.1346

■ 240.7400,

-19.0988, 12.5060

■ 252.2640,
-10.4832, 2.3995

■ 77.2340, -24.7654,
56.7998

■ 77.2340, -24.7654,
56.7998

■ 69.1810, -27.6972,
63.8623

■ 85.2870, -21.8335,
49.7373

■ 61.8290, -30.4817,
70.3100

■ 93.3400, -18.9016,
42.6748

■ 101.5070,
-15.5330, 35.5124

■ 108.9730,
-12.3117, 28.9647

■ 117.0260, -9.3798,
21.9022

■ 125.0790, -6.4479,
14.8397

■ 133.1320, -3.5161,
7.7772

■ 141.2990, -0.1474,
0.6148

■ 149.3520, 2.7845,
-6.4477

Harmonies

Analogous

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



75.1640, -5.0109, 67.3852



77.2340, -24.7654, 56.7998



77.8340, -38.3722, 34.3486

Triad

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



77.2340, -24.7654, 56.7998



64.8390, -2.8786, -56.8638



69.9840, 44.3779, -47.3440

Complementary

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



77.2340, -24.7654, 56.7998



91.7660, 24.7654, -56.7998

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.



72.7170, 42.5375, -63.7728



77.2340, -24.7654, 56.7998



70.2140, 15.1775, -61.5777

Square

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



77.2340, -24.7654, 56.7998



67.5700, -24.9310, -30.3179



73.7310, 31.1916, -64.6621



84.3470, 27.4369, 19.8667

Rectangle

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



77.2340, -24.7654, 56.7998



76.5390, -37.7337, 16.1903



73.7310, 31.1916, -64.6621



68.4770, 46.5998, -60.0543

Sweetspot

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



77.2340, -24.7654, 56.7998



159.0260, -9.3798, 21.9022



71.4170, 21.4864, 61.9013



76.5950, -5.7163, 13.5102



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



77.2340, -24.7654, 56.7998



83.2890, -38.1035, 88.3235



110.6930, -41.2606, 27.4562



67.2670, -1.6106, 3.2738



59.1490, -29.1605, 66.5213



3.5660, -1.7580, 3.8886

Inverse Universe

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



91.7660, 24.7654, -56.7998



106.1240, 38.3929, -87.8087



58.3070, 41.2606, -27.4562



68.3200, 1.3212, -3.7886



75.8510, 29.1605, -66.5213



4.4340, 1.7580, -3.8886

Previews

White Background



This preview shows how the YUV color 77.2340, -24.7654, 56.7998 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 77.2340, -24.7654, 56.7998 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 77.2340, -24.7654, 56.7998

Background



This preview shows how black text looks on a background with the YUV color 77.2340, -24.7654, 56.7998.



This preview shows how white text looks on a background with the YUV color 77.2340, -24.7654,

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

77.2340, -24.7654, 56.7998

Protanopia

80.5180, -22.4404, 10.9467

Deuteranopia

79.9340, -30.0405, 21.9829



Tritanopia

78.8500, -12.2510, 56.2596

Trichromacy



Original Color

77.2340, -24.7654, 56.7998

Protanomaly

79.1010, -23.2208, 27.9754

Deuteranomaly

78.8800, -28.0418, 34.3082

Tritanomaly

78.2970, -16.9084, 56.7445

Monochromacy



Original Color

77.2340, -24.7654, 56.7998

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.4280, -9.0850, 20.6726

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.2340, -24.7654, 56.7998 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(142, 54, 27)` looks like.

```
.text, #text, p{  
    color:rgb(142, 54, 27)  
}
```

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(142, 54, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 54, 27) }
```

Border

The CSS property to change the border of an element to YUV 77.2340, -24.7654, 56.7998 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(142, 54, 27) }
```


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

```
.border{ border-color:rgb(142, 54, 27) }
```

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

Here you see how a box with a 4 pixel rgb(142, 54, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 54, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 54, 27);  
box-shadow:4px 4px 4px 4px rgb(142, 54,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 77.2340, -24.7654, 56.7998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 54, 27) }
```

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

```
.background{ background-color: rgb(142, 54,  
27) }
```

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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