

Converting Colors

YUV(94.9280, -27.5725,
23.7421)

Have a look what the booklet for
YUV(94.9280, -27.5725, 23.7421)
contains.

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Color

**YUV(94.9280, -27.5725,
23.7421)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5C27
RGB	122, 92, 39
RGB Percent	48%, 36%, 15%
CMY	0.5216, 0.6392, 0.8471
CMYK	0.00, 0.25, 0.68, 0.52
HSL	38°, 52%, 32%
HSV	38°, 68%, 48%
XYZ	12.2194, 11.9384, 3.5798
YIQ	94.9280, 34.8930, -10.1230

Conversions

Conversions Part 2

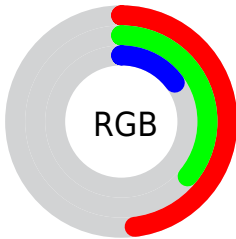
Format	Color
RYB	86, 122, 39
Decimal	8018983
CIELab	41.12, 6.15, 34.41
CIELCh	41, 34.954, 79.860
Yxy	11.9384, 0.4405, 0.4304
Android (android.graphics.Color)	4286209063 (0xFF7A5C27)
YUV	94.9280, -27.5725, 23.7421
Hunter-Lab	34.5519, 2.6612, 18.0436

Details

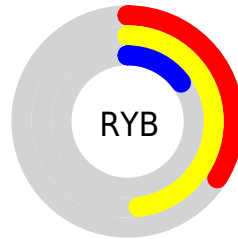
The YUV color **94.9280, -27.5725, 23.7421** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **66.0720, 27.5725, -23.7421**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.1950, -29.1831, 27.0160**, and **47.9320, -23.6305, 19.3536** is the 20% darker color. If you saturate the color by 10%, you get **91.2120, -31.6565, 27.0011**, and if you desaturate by 10%, it is **98.6440, -23.4885, 20.4832**.

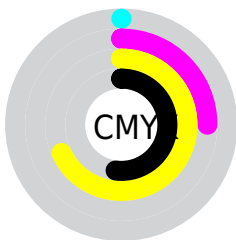
Distribution



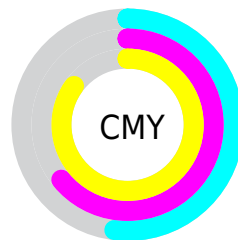
- Red (48%)
- Green (36%)
- Blue (15%)



- Red (34%)
- Yellow (48%)
- Blue (15%)



- Cyan (0%)
- Magenta (25%)
- Yellow (68%)
- Black (52%)



- Cyan (52%)
- Magenta (64%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.9280, -27.5725, 23.7421 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 94.9280, -27.5725, 23.7421 by changing the saturation by 10% instead.

94.9280, -27.5725,
23.7421

94.9280, -27.5725,
23.7421

255.0000, 0.0000,
0.0000

71.0310, -27.1303,
21.8978

146.1950,
-29.1831, 27.0160

47.9320, -23.6305,
19.3536

172.6790,
-29.9147, 28.3455

28.7170, -14.1575,
14.2802

200.6360,
-31.3725, 29.2602

5.9800, -2.9481,
12.2955

226.4290,
-30.7775, 25.0568

0.0000, 0.0000,
0.0000

245.9430,
-27.0869, 7.9430

250.8960,

-15.7247, 3.5992

254.2020, -3.0576,
0.6998

94.9280, -27.5725,
23.7421

94.9280, -27.5725,
23.7421

91.2120, -31.6565,
27.0011

98.6440, -23.4885,
20.4832

86.9090, -35.4511,
30.7748

102.9470,
-19.6939, 16.7095

83.0790, -39.9719,
34.1337

106.7770,
-15.1731, 13.3506

82.2640, -40.5562,
34.8485

111.0800,
-11.3784, 9.5768

114.7960, -7.2944,
6.3179

■ 118.5120, -3.2104,
3.0590

■ 122.8150, 0.5842,
-0.7148

■ 126.6450, 5.1050,
-4.0737

■ 130.9480, 8.8996,
-7.8474

Harmonies

Analogous

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



96.1610, -20.7854, 40.2008



94.9280, -27.5725, 23.7421



92.3660, -25.3234, 2.3100

Triad

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



94.9280, -27.5725, 23.7421



78.3810, 18.5462, -68.7401



100.1870, 16.6698, 20.0070

Complementary

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



94.9280, -27.5725, 23.7421



66.0720, 27.5725, -23.7421

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.



96.6220, 26.8084, -11.9465



94.9280, -27.5725, 23.7421



79.9430, 29.6081, -70.1100

Square

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



94.9280, -27.5725, 23.7421



74.9610, 5.4422, -65.7408



77.9030, 37.0228, -68.3209



99.1050, 4.3852, 40.2499

Rectangle

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



94.9280, -27.5725, 23.7421



90.1620, -19.3069, -14.1741



77.9030, 37.0228, -68.3209



99.7450, 20.3387, 9.8706

Sweetspot

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



94.9280, -27.5725, 23.7421



147.8950, -10.7942, 8.8621



67.2370, 0.8692, 48.0272



72.7250, -6.2734, 5.5032



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



94.9280, -27.5725, 23.7421



115.5910, -43.1824, 37.1927



109.2490, -34.6328, 1.5356



59.1420, -2.0420, 1.6295



84.3350, -41.5772, 35.6632



169.8550, -83.7385, 72.0412

Inverse Universe

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



66.0720, 27.5725, -23.7421



70.4090, 43.1824, -37.1927



51.7510, 34.6328, -1.5356



56.8580, 2.0420, -1.6295



40.6650, 41.5772, -35.6632



82.1450, 83.7385, -72.0412

Previews

White Background



This preview shows how the YUV color 94.9280, -27.5725, 23.7421 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 × Fail

Black Background



This preview shows how the YUV color 94.9280, -27.5725, 23.7421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

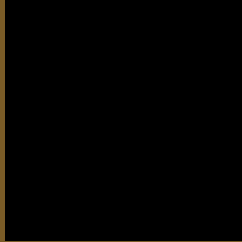
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.9280, -27.5725, 23.7421

Background



This preview shows how black text looks on a background with the YUV color 94.9280, -27.5725, 23.7421.



This preview shows how white text looks on a background with the YUV color 94.9280, -27.5725,

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

94.9280, -27.5725, 23.7421

Protanopia

93.9050, -26.0822, 12.3613

Deuteranopia

94.6290, -27.4251, 23.1274



Tritanopia

98.7580, -2.8387, 23.8912

Trichromacy



Original Color

94.9280, -27.5725, 23.7421

Protanomaly

94.1120, -26.6772, 16.5648

Deuteranomaly

94.6290, -27.4251, 23.1274

Tritanomaly

97.3530, -12.0060, 24.2464

Monochromacy



Original Color

94.9280, -27.5725, 23.7421

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.1230, -9.9206, 8.6621

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9280, -27.5725, 23.7421 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(122, 92, 39)` looks like.

```
.text, #text, p{  
    color:rgb(122, 92, 39)  
}
```

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(122, 92, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 92, 39) }
```

Border

The CSS property to change the border of an element to YUV 94.9280, -27.5725, 23.7421 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(122, 92, 39) }
```


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

```
.border{ border-color:rgb(122, 92, 39) }
```

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

Here you see how a box with a 4 pixel rgb(122, 92, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 92, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 92, 39);  
box-shadow:4px 4px 4px 4px rgb(122, 92,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 94.9280, -27.5725, 23.7421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 92, 39) }
```

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

```
.background{ background-color: rgb(122, 92,  
39) }
```

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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