

Converting Colors

YUV(94.2790, -29.7175,
58.5143)

Have a look what the booklet for
YUV(94.2790, -29.7175, 58.5143)
contains.

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Color

**YUV(94.2790, -29.7175,
58.5143)**

Conversions

Conversions Part 1

Format	Color
Hex	A14822
RGB	161, 72, 34
RGB Percent	63%, 28%, 13%
CMY	0.3686, 0.7176, 0.8667
CMYK	0.00, 0.55, 0.79, 0.37
HSL	18°, 65%, 38%
HSV	18°, 79%, 63%
XYZ	17.3040, 12.3273, 2.9808
YIQ	94.2790, 65.2420, 7.0500

Conversions

Conversions Part 2

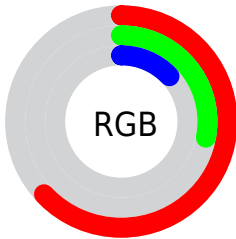
Format	Color
RYB	161, 88, 34
Decimal	10569762
CIELab	41.73, 34.54, 39.26
CIELCh	42, 52.291, 48.660
Yxy	12.3273, 0.5306, 0.3780
Android (android.graphics.Color)	4288759842 (0xFFA14822)
YUV	94.2790, -29.7175, 58.5143
Hunter-Lab	35.1102, 26.5306, 19.5436

Details

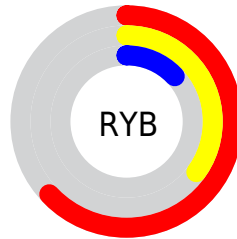
The YUV color **94.2790, -29.7175, 58.5143** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **100.7210, 29.7175, -58.5143**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5140, -32.7914, 64.4472**, and **43.7110, -21.5495, 51.9965** is the 20% darker color. If you saturate the color by 10%, you get **85.9980, -33.5230, 65.7768**, and if you desaturate by 10%, it is **102.5600, -25.9121, 51.2519**.

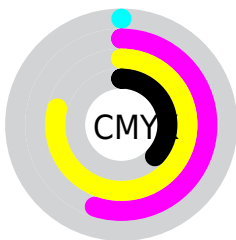
Distribution



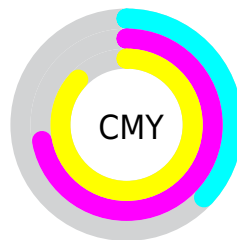
- Red (63%)
- Green (28%)
- Blue (13%)



- Red (63%)
- Yellow (35%)
- Blue (13%)



- Cyan (0%)
- Magenta (55%)
- Yellow (79%)
- Black (37%)



- Cyan (37%)
- Magenta (72%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.2790, -29.7175, 58.5143 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 94.2790, -29.7175, 58.5143 by changing the saturation by 10% instead.

■ 94.2790, -29.7175,
58.5143

■ 94.2790, -29.7175,
58.5143

255.0000, 0.0000,
0.0000

■ 68.1970, -28.6911,
55.9552

■ 147.5140,
-32.7914, 64.4472

■ 43.7110, -21.5495,
51.9965

■ 174.8950,
-33.9652, 67.6211

■ 22.1260, -10.9081,
45.4935

■ 194.4910,
-31.3011, 53.0664

■ 14.7650, -6.7861,
30.0241

■ 214.0050,
-27.6105, 35.9526

■ 0.0000, 0.0000,
0.0000

■ 234.1060,
-24.2093, 18.3240

■ 250.2120,

-18.3455, 4.1991

253.4040, -6.1152,
1.3997

94.2790, -29.7175,
58.5143

94.2790, -29.7175,
58.5143

85.9980, -33.5230,
65.7768

102.5600,
-25.9121, 51.2519

77.1300, -37.0391,
73.5540

111.4280,
-22.3960, 43.4746

76.3150, -37.6233,
74.2687

119.7090,
-18.5905, 36.2122

127.9900,
-14.7851, 28.9498

136.2710,
-10.9796, 21.6873

■ 145.2530, -7.0267,
13.8101

■ 153.5340, -3.2213,
6.5477

■ 161.8150, 0.5842,
-0.7148

■ 170.6830, 4.1003,
-8.4920

Harmonies

Analogous

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



93.0460, -9.3897, 71.8737



94.2790, -29.7175, 58.5143



92.8850, -45.7923, 34.3039

Triad

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



94.2790, -29.7175, 58.5143



77.7990, 1.0851, -68.2297



94.0510, 42.8659, -28.9857

Complementary

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



94.2790, -29.7175, 58.5143



100.7210, 29.7175, -58.5143

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.



84.2580, 48.6798, -73.8943



94.2790, -29.7175, 58.5143



83.5160, 20.4516, -73.2435

Square

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



94.2790, -29.7175, 58.5143



81.6120, -21.9937, -39.1247



86.5600, 37.1919, -75.9131



100.9890, 27.1204, 28.0736

Rectangle

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



94.2790, -29.7175, 58.5143



90.6930, -44.7116, 14.3012



86.5600, 37.1919, -75.9131



79.6760, 51.4317, -69.8759

Sweetspot

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



94.2790, -29.7175, 58.5143



182.7550, -11.7112, 23.0169



82.3470, 21.0279, 68.9787



88.5520, -7.1741, 14.4249



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



94.2790, -29.7175, 58.5143



104.7210, -46.6975, 91.4527



130.0860, -47.3704, 27.1116



77.4520, -2.1948, 3.9886



68.5960, -33.8178, 67.0063



8.3170, -4.1003, 8.4920

Inverse Universe

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



100.7210, 29.7175, -58.5143



114.8660, 46.4081, -91.9675



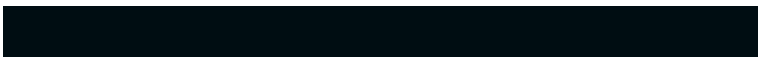
64.9140, 47.3704, -27.1116



77.5480, 2.1948, -3.9886



76.4040, 33.8178, -67.0063



9.6830, 4.1003, -8.4920

Previews

White Background



This preview shows how the YUV color 94.2790, -29.7175, 58.5143 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 94.2790, -29.7175, 58.5143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

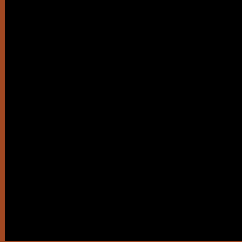
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.2790, -29.7175, 58.5143

Background



This preview shows how black text looks on a background with the YUV color 94.2790, -29.7175, 58.5143.



This preview shows how white text looks on a background with the YUV color 94.2790, -29.7175,

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

94.2790, -29.7175, 58.5143

Protanopia

95.7910, -26.5190, 12.4613

Deuteranopia

95.6310, -33.8351, 25.7566



Tritanopia

96.8610, -12.2565, 58.0039

Trichromacy



Original Color

94.2790, -29.7175, 58.5143

Protanomaly

95.2600, -27.7362, 29.5900

Deuteranomaly

95.1640, -32.1259, 37.5672

Tritanomaly

95.5530, -18.5136, 58.2740

Monochromacy



Original Color

94.2790, -29.7175, 58.5143

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9720, -10.8322, 21.0726

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.2790, -29.7175, 58.5143 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(161, 72, 34)` looks like.

```
.text, #text, p{  
    color:rgb(161, 72, 34)  
}
```

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(161, 72, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 72, 34) }
```

Border

The CSS property to change the border of an element to YUV 94.2790, -29.7175, 58.5143 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(161, 72, 34) }
```


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

```
.border{ border-color:rgb(161, 72, 34) }
```

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

Here you see how a box with a 4 pixel rgb(161, 72, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 72, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 72, 34);  
box-shadow:4px 4px 4px 4px rgb(161, 72,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 94.2790, -29.7175, 58.5143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 72, 34) }
```

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

```
.background{ background-color: rgb(161, 72,  
34) }
```

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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