

Converting Colors

YUV(90.1510, -29.1614,
20.0386)

Have a look what the booklet for
YUV(90.1510, -29.1614, 20.0386)
contains.

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Color

**YUV(90.1510, -29.1614,
20.0386)**

Conversions

Conversions Part 1

Format	Color
Hex	715A1F
RGB	113, 90, 31
RGB Percent	44%, 35%, 12%
CMY	0.5569, 0.6471, 0.8784
CMYK	0.00, 0.20, 0.73, 0.56
HSL	43°, 57%, 28%
HSV	43°, 73%, 44%
XYZ	10.7135, 10.9220, 2.8398
YIQ	90.1510, 32.6470, -13.4730

Conversions

Conversions Part 2

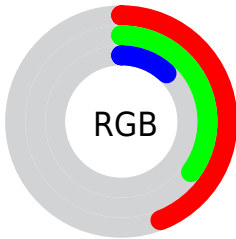
Format	Color
RYB	63, 113, 31
Decimal	7428639
CIELab	39.45, 2.53, 36.29
CIELCh	39, 36.377, 86.019
Yxy	10.9220, 0.4377, 0.4462
Android (android.graphics.Color)	4285618719 (0xFF715A1F)
YUV	90.1510, -29.1614, 20.0386
Hunter-Lab	33.0484, 0.0309, 18.0392

Details

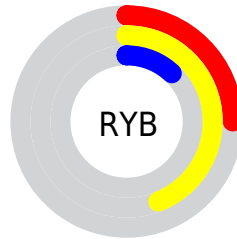
The YUV color **90.1510, -29.1614, 20.0386** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **53.8490, 29.1614, -20.0386**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.1190, -30.6247, 22.6976**, and **44.9530, -22.1618, 14.9502** is the 20% darker color. If you saturate the color by 10%, you get **87.1360, -33.0980, 22.6827**, and if you desaturate by 10%, it is **93.1660, -25.2248, 17.3944**.

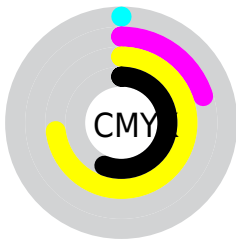
Distribution



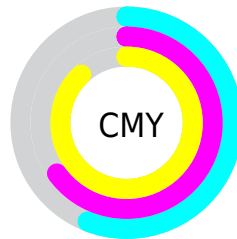
- Red (44%)
- Green (35%)
- Blue (12%)



- Red (25%)
- Yellow (44%)
- Blue (12%)



- Cyan (0%)
- Magenta (20%)
- Yellow (73%)
- Black (56%)



- Cyan (56%)
- Magenta (65%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.1510, -29.1614, 20.0386 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 90.1510, -29.1614, 20.0386 by changing the saturation by 10% instead.

90.1510, -29.1614,
20.0386

90.1510, -29.1614,
20.0386

255.0000, 0.0000,
0.0000

66.0260, -29.5928,
18.3942

141.1190,
-30.6247, 22.6976

44.9530, -22.1618,
14.9502

167.7880,
-31.9405, 24.7419

25.1510, -12.3994,
10.3916

194.9730,
-32.5247, 25.4567

0.0000, 0.0000,
0.0000

223.4570,
-33.2563, 26.7862

243.8570,
-30.0025, 9.7724

249.9840,

-19.2191, 4.3990

■ 253.1760, -6.9888,
1.5996

■ 90.1510, -29.1614,
20.0386

■ 90.1510, -29.1614,
20.0386

■ 87.1360, -33.0980,
22.6827

■ 93.1660, -25.2248,
17.3944

■ 84.0070, -37.4715,
25.4269

■ 96.2950, -20.8514,
14.6503

■ 81.3340, -40.0977,
27.7711

■ 99.8970, -17.2042,
11.4913

■ 102.9120,
-13.2676, 8.8472

■ 106.0410, -8.8942,
6.1030

■ 109.0560, -4.9576,
3.4589

■ 112.0710, -1.0210,
0.8147

■ 115.0860, 2.9156,
-1.8294

■ 118.8020, 6.9996,
-5.0884

Harmonies

Analogous

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



91.7540, -23.5427, 37.9267



90.1510, -29.1614, 20.0386



87.4470, -24.8704, -3.0230

Triad

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



90.1510, -29.1614, 20.0386



76.2610, 20.5773, -66.8809



96.0630, 14.7589, 26.2547

Complementary

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



90.1510, -29.1614, 20.0386



53.8490, 29.1614, -20.0386

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.



94.0250, 25.6237, -5.2839



90.1510, -29.1614, 20.0386



77.1220, 31.4919, -67.6360

Square

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



90.1510, -29.1614, 20.0386



72.8410, 7.4734, -63.8816



76.3600, 37.2905, -60.8287



93.8560, 2.0430, 44.8533

Rectangle

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



90.1510, -29.1614, 20.0386



84.4000, -16.9592, -20.5218



76.3600, 37.2905, -60.8287



96.0340, 18.7172, 16.6332

Sweetspot

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



90.1510, -29.1614, 20.0386



138.9550, -11.8098, 7.9325



58.1400, -2.0410, 48.1122



68.8990, -6.8522, 4.4736



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



90.1510, -29.1614, 20.0386



112.1620, -45.9289, 31.4299



98.2700, -33.1641, -2.8678



54.7290, -2.3314, 1.1147



86.3620, -42.5765, 29.5005



178.3390, -87.9211, 60.2157

Inverse Universe

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



53.8490, 29.1614, -20.0386



54.8380, 45.9289, -31.4299



45.7300, 33.1641, 2.8678



51.8580, 2.0420, -1.6295



33.6380, 42.5765, -29.5005



68.6610, 87.9211, -60.2157

Previews

White Background



This preview shows how the YUV color 90.1510, -29.1614, 20.0386 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 90.1510, -29.1614, 20.0386 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 90.1510, -29.1614, 20.0386

Background



This preview shows how black text looks on a background with the YUV color 90.1510, -29.1614, 20.0386.



This preview shows how white text looks on a background with the YUV color 90.1510, -29.1614,

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

90.1510, -29.1614, 20.0386

Protanopia

89.3350, -28.2662, 12.8612

Deuteranopia

90.2870, -28.7355, 23.4273



Tritanopia

94.6650, -1.8068, 19.5878

Trichromacy



Original Color

90.1510, -29.1614, 20.0386

Protanomaly

89.6450, -28.4190, 15.2203

Deuteranomaly

90.5750, -28.8775, 22.2977

Tritanomaly

93.0320, -11.8478, 20.1429

Monochromacy



Original Color

90.1510, -29.1614, 20.0386

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9980, -10.3520, 7.0178

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.1510, -29.1614, 20.0386 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(113, 90, 31)` looks like.

```
.text, #text, p{  
    color:rgb(113, 90, 31)  
}
```

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(113, 90, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 90, 31) }
```

Border

The CSS property to change the border of an element to YUV 90.1510, -29.1614, 20.0386 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(113, 90, 31) }
```


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

```
.border{ border-color:rgb(113, 90, 31) }
```

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

Here you see how a box with a 4 pixel rgb(113, 90, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 90, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 90, 31);  
box-shadow:4px 4px 4px 4px rgb(113, 90,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 90.1510, -29.1614, 20.0386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 90, 31) }
```

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

```
.background{ background-color: rgb(113, 90,  
31) }
```

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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