

Converting Colors

YUV(90.6660, -29.9083,
73.0839)

Have a look what the booklet for
YUV(90.6660, -29.9083, 73.0839)
contains.

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Color

**YUV(90.6660, -29.9083,
73.0839)**

Conversions

Conversions Part 1

Format	Color
Hex	AE3C1E
RGB	174, 60, 30
RGB Percent	68%, 24%, 12%
CMY	0.3176, 0.7647, 0.8824
CMYK	0.00, 0.66, 0.83, 0.32
HSL	12°, 71%, 40%
HSV	12°, 83%, 68%
XYZ	19.3058, 12.3241, 2.5896
YIQ	90.6660, 77.5740, 14.8380

Conversions

Conversions Part 2

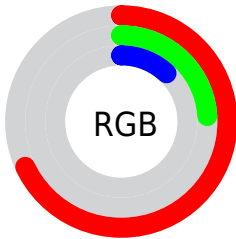
Format	Color
R_{YB}	174, 68, 30
Decimal	11418654
CIE _{Lab}	41.73, 45.09, 42.01
CIE _{LCh}	42, 61.631, 42.976
Yxy	12.3241, 0.5642, 0.3601
Android (android.graphics.Color)	4289608734 (0xFFAE3C1E)
YUV	90.6660, -29.9083, 73.0839
Hunter-Lab	35.1057, 36.7278, 20.2005

Details

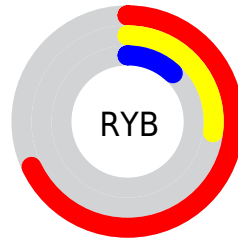
The YUV color **90.6660, -29.9083, 73.0839** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **113.3340, 29.9083, -73.0839**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.6730, -33.8558, 79.2168**, and **34.0860, -16.8044, 70.0846** is the 20% darker color. If you saturate the color by 10%, you get **80.5100, -33.2824, 81.9907**, and if you desaturate by 10%, it is **100.8220, -26.5342, 64.1771**.

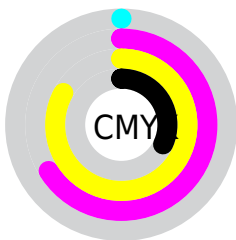
Distribution



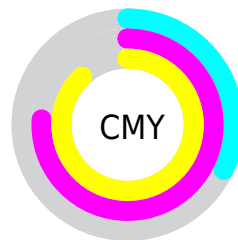
- Red (68%)
- Green (24%)
- Blue (12%)



- Red (68%)
- Yellow (27%)
- Blue (12%)



- Cyan (0%)
- Magenta (66%)
- Yellow (83%)
- Black (32%)



- Cyan (32%)
- Magenta (76%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.6660, -29.9083, 73.0839 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 90.6660, -29.9083, 73.0839 by changing the saturation by 10% instead.

■ 90.6660, -29.9083,
73.0839

■ 90.6660, -29.9083,
73.0839

255.0000, 0.0000,
0.0000

■ 62.5240, -27.8663,
71.4545

■ 145.6730,
-33.8558, 79.2168

■ 34.0860, -16.8044,
70.0846

■ 169.9390,
-33.9869, 74.5985

■ 25.1160, -12.3822,
51.6413

■ 188.7520,
-30.4437, 58.0995

■ 17.1570, -7.9654,
34.9423

■ 208.1520,
-27.1899, 41.0857

■ 6.2790, -3.0955,
12.9103

■ 227.6660,
-23.4993, 23.9719

■ 0.0000, 0.0000,
0.0000

■ 248.4680,

-19.9507, 5.7286

252.9480, -7.8624,
1.7996

90.6660, -29.9083,
73.0839

90.6660, -29.9083,
73.0839

80.5100, -33.2824,
81.9907

100.8220,
-26.5342, 64.1771

73.1580, -36.0669,
88.4384

111.0920,
-22.7234, 55.1703

120.6610,
-19.0599, 46.7783

130.9310,
-15.2490, 37.7715

141.0870,
-11.8749, 28.8647

■ 151.2430, -8.5008,
19.9579

■ 160.9260, -4.4005,
11.4659

■ 171.0820, -1.0264,
2.5591

■ 181.3520, 2.7845,
-6.4477

Harmonies

Analogous

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



86.0510, -3.4761, 88.5323



90.6660, -29.9083, 73.0839



92.6520, -45.6774, 44.1552

Triad

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



90.6660, -29.9083, 73.0839



77.4910, -5.1721, -67.9596



79.5110, 58.4151, -69.7311

Complementary

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



90.6660, -29.9083, 73.0839



113.3340, 29.9083, -73.0839

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.



88.0880, 53.2006, -77.2532



90.6660, -29.9083, 73.0839



84.7070, 17.3994, -74.2880

Square

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



90.6660, -29.9083, 73.0839



78.3660, -35.6764, -37.1550



88.8910, 38.5077, -77.9574



100.5460, 35.7198, 23.2002

Rectangle

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



90.6660, -29.9083, 73.0839



91.9110, -45.3121, 20.2491



88.8910, 38.5077, -77.9574



83.3750, 57.9891, -73.1199

Sweetspot

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



90.6660, -29.9083, 73.0839



194.0870, -11.8749, 28.8647



86.1660, 29.0052, 77.0304



94.5740, -7.1850, 17.9136



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



90.6660, -29.9083, 73.0839



96.8640, -46.7680, 114.1293



132.3430, -50.4551, 36.5332



81.8650, -1.9054, 4.5034



63.0470, -31.0822, 76.2578



9.8120, -4.8373, 11.5659

Inverse Universe

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



113.3340, 29.9083, -73.0839



132.1360, 46.7680, -114.1293



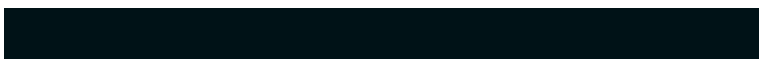
71.6570, 50.4551, -36.5332



83.1350, 1.9054, -4.5034



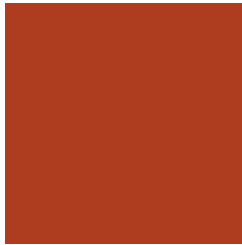
86.9530, 31.0822, -76.2578



13.1880, 4.8373, -11.5659

Previews

White Background



This preview shows how the YUV color 90.6660, -29.9083, 73.0839 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 90.6660, -29.9083, 73.0839 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 90.6660, -29.9083, 73.0839

Background



This preview shows how black text looks on a background with the YUV color 90.6660, -29.9083, 73.0839.



This preview shows how white text looks on a background with the YUV color 90.6660, -29.9083,

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

90.6660, -29.9083, 73.0839

Protanopia

95.8620, -27.5400, 13.2760

Deuteranopia

94.4910, -38.2031, 26.7564



Tritanopia

92.6240, -16.0836, 72.2438

Trichromacy



Original Color

90.6660, -29.9083, 73.0839

Protanomaly

94.0650, -28.6260, 35.0230

Deuteranomaly

93.3990, -35.1997, 43.5001

Tritanomaly

91.9570, -21.1778, 72.8287

Monochromacy



Original Color

90.6660, -29.9083, 73.0839

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0050, -10.8485, 26.3056

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.6660, -29.9083, 73.0839 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(174, 60, 30)` looks like.

```
.text, #text, p{  
    color:rgb(174, 60, 30)  
}
```

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(174, 60, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 60, 30) }
```

Border

The CSS property to change the border of an element to YUV 90.6660, -29.9083, 73.0839 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(174, 60, 30) }
```


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

```
.border{ border-color:rgb(174, 60, 30) }
```

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

Here you see how a box with a 4 pixel rgb(174, 60, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 60, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 60, 30);  
box-shadow:4px 4px 4px 4px rgb(174, 60,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 90.6660, -29.9083, 73.0839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 60, 30) }
```

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

```
.background{ background-color: rgb(174, 60,  
30) }
```

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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