

Converting Colors

YUV(71.9790, -24.6396,
63.1624)

Have a look what the booklet for
YUV(71.9790, -24.6396, 63.1624)
contains.

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Color

**YUV(71.9790, -24.6396,
63.1624)**

Conversions

Conversions Part 1

Format	Color
Hex	902D16
RGB	144, 45, 22
RGB Percent	56%, 18%, 9%
CMY	0.4353, 0.8235, 0.9137
CMYK	0.00, 0.69, 0.85, 0.44
HSL	11°, 73%, 33%
HSV	11°, 85%, 56%
XYZ	12.5848, 7.8640, 1.6137
YIQ	71.9790, 66.3870, 13.8350

Conversions

Conversions Part 2

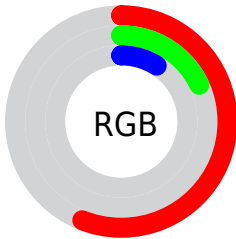
Format	Color
R_{YB}	144, 50, 22
Decimal	9448726
CIE _{Lab}	33.70, 40.63, 36.56
CIE _{LCh}	34, 54.655, 41.983
Yxy	7.8640, 0.5704, 0.3564
Android (android.graphics.Color)	4287638806 (0xFF902D16)
YUV	71.9790, -24.6396, 63.1624
Hunter-Lab	28.0428, 31.0307, 16.2182

Details

The YUV color **71.9790, -24.6396, 63.1624** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **94.0210, 24.6396, -63.1624**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.9860, -28.5871, 69.2953**, and **25.7140, -12.6770, 52.8708** is the 20% darker color. If you saturate the color by 10%, you get **63.3390, -27.2821, 70.7397**, and if you desaturate by 10%, it is **80.6190, -21.9972, 55.5851**.

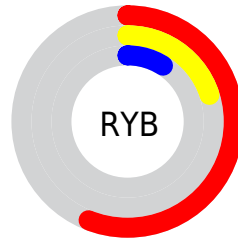
Distribution



Red (56%)

Green (18%)

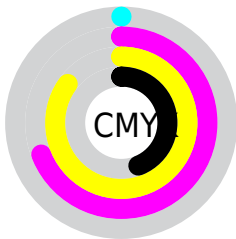
Blue (9%)



Red (56%)

Yellow (20%)

Blue (9%)

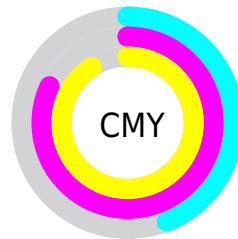


Cyan (0%)

Magenta (69%)

Yellow (85%)

Black (44%)



Cyan (44%)

Magenta (82%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.9790, -24.6396, 63.1624 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 71.9790, -24.6396, 63.1624 by changing the saturation by 10% instead.

■ 71.9790, -24.6396,
63.1624

■ 71.9790, -24.6396,
63.1624

254.7720, -0.8736,
0.2000

■ 43.7770, -21.5821,
62.4626

■ 124.9860,
-28.5871, 69.2953

■ 25.7140, -12.6770,
52.8708

■ 152.8400,
-30.4871, 72.0543

■ 17.3420, -8.5496,
35.6571

■ 176.9320,
-30.0395, 68.4656

■ 8.1870, -3.5432,
16.4990

■ 196.3320,
-26.7857, 51.4518

■ 0.0000, 0.0000,
0.0000

■ 215.8460,
-23.0951, 34.3381

■ 235.3600,

-19.4045, 17.2243

■ 251.4660,
-13.5407, 3.0993

■ 71.9790, -24.6396,
63.1624

■ 71.9790, -24.6396,
63.1624

■ 63.3390, -27.2821,
70.7397

■ 80.6190, -21.9972,
55.5851

■ 58.9050, -29.0402,
74.6283

■ 88.7860, -18.6285,
48.4227

■ 97.4260, -15.9860,
40.8454

■ 106.1800,
-12.9067, 33.1681

■ 114.2330, -9.9749,
26.1057

■ 122.8730, -7.3324,
18.5284

■ 131.6270, -4.2531,
10.8511

■ 139.6800, -1.3212,
3.7886

■ 148.4340, 1.7580,
-3.8886

Harmonies

Analogous

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



66.8430, -1.4016, 76.4367



71.9790, -24.6396, 63.1624



74.6110, -36.7832, 38.0522

Triad

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



71.9790, -24.6396, 63.1624



62.1660, -5.5048, -54.5196



65.1830, 49.2098, -57.1655

Complementary

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



71.9790, -24.6396, 63.1624



94.0210, 24.6396, -63.1624

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.



71.8850, 44.4267, -63.0431



71.9790, -24.6396, 63.1624



68.4700, 13.5723, -60.0482

Square

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



71.9790, -24.6396, 63.1624



62.0770, -30.6040, -30.7625



72.5570, 31.7704, -63.6325



80.6610, 31.2261, 17.8373

Rectangle

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



71.9790, -24.6396, 63.1624



74.1910, -36.5762, 18.2495



72.5570, 31.7704, -63.6325



68.3460, 48.6364, -59.9394

Sweetspot

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



71.9790, -24.6396, 63.1624



158.4500, -9.0958, 24.1614



69.8780, 25.6961, 65.0050



77.3070, -5.5744, 14.6398



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



71.9790, -24.6396, 63.1624



76.1590, -37.5464, 96.3306



107.1990, -42.0031, 32.2745



67.2670, -1.6106, 3.2738



55.0400, -27.1347, 70.1249



2.9790, -1.4686, 4.4034

Inverse Universe

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



94.0210, 24.6396, -63.1624



109.8410, 37.5464, -96.3306



58.8010, 42.0031, -32.2745



68.3200, 1.3212, -3.7886



79.9600, 27.1347, -70.1249



4.4340, 1.7580, -3.8886

Previews

White Background



This preview shows how the YUV color 71.9790, -24.6396, 63.1624 looks on a white background.

Color Contrast Check

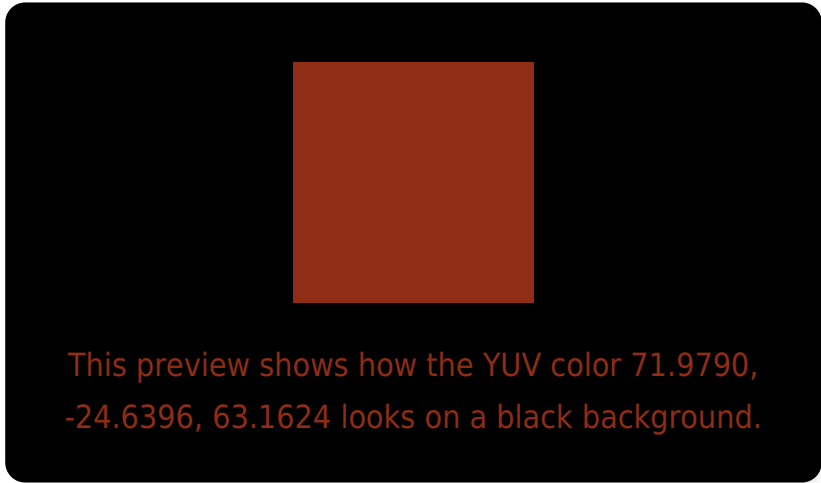
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

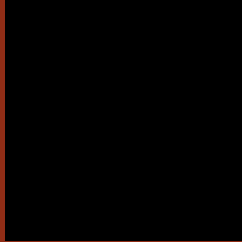
Any Text WCAG AA × Fail

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 71.9790, -24.6396, 63.1624 Background



This preview shows how black text looks on a background with the YUV color 71.9790, -24.6396, 63.1624.



This preview shows how white text looks on a background with the YUV color 71.9790, -24.6396,

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

71.9790, -24.6396, 63.1624

Protanopia

77.9910, -23.1666, 10.5319

Deuteranopia

75.7940, -34.4084, 22.9827



Tritanopia

73.7260, -14.1619, 62.5073

Trichromacy



Original Color

71.9790, -24.6396, 63.1624

Protanomaly

75.9980, -23.6630, 29.8198

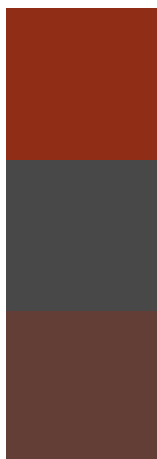
Deuteranomaly

74.5060, -30.8155, 37.2672

Tritanomaly

73.4010, -17.9457, 62.7923

Monochromacy



Original Color

71.9790, -24.6396, 63.1624

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.8520, -8.8010, 22.9318

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.9790, -24.6396, 63.1624 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(144, 45, 22)` looks like.

```
.text, #text, p{  
    color:rgb(144, 45, 22)  
}
```

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(144, 45, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 45, 22) }
```

Border

The CSS property to change the border of an element to YUV 71.9790, -24.6396, 63.1624 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(144, 45, 22) }
```


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

```
.border{ border-color:rgb(144, 45, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 45, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 45, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 45, 22);  
box-shadow:4px 4px 4px 4px rgb(144, 45,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 71.9790, -24.6396, 63.1624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 45, 22) }
```

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

```
.background{ background-color: rgb(144, 45,  
22) }
```

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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