

Converting Colors

YUV(109.3160, -22.3408,
72.5139)

Have a look what the booklet for
YUV(109.3160, -22.3408, 72.5139)
contains.

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Color

**YUV(109.3160, -22.3408,
72.5139)**

Conversions

Conversions Part 1

Format	Color
Hex	C04C40
RGB	192, 76, 64
RGB Percent	75%, 30%, 25%
CMY	0.2471, 0.7020, 0.7490
CMYK	0.00, 0.60, 0.67, 0.25
HSL	6°, 50%, 50%
HSV	6°, 67%, 75%
XYZ	25.2481, 16.7455, 6.7520
YIQ	109.3160, 72.9880, 20.8600

Conversions

Conversions Part 2

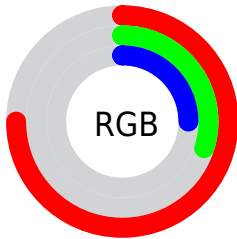
Format	Color
RYB	192, 77, 64
Decimal	12602432
CIELab	47.94, 45.82, 31.07
CIELCh	48, 55.365, 34.144
Yxy	16.7455, 0.5180, 0.3435
Android (android.graphics.Color)	4290792512 (0xFFC04C40)
YUV	109.3160, -22.3408, 72.5139
Hunter-Lab	40.9213, 38.5207, 18.8621

Details

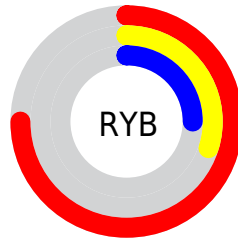
The YUV color **109.3160, -22.3408, 72.5139** is a dark color, and the websafe version is hex **993333**. The color can be described as dark muted red. A complement of this color would be **146.6840, 22.3408, -72.5139**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.4370, -25.8514, 78.5468**, and **53.0150, -15.7834, 69.2698** is the 20% darker color. If you saturate the color by 10%, you get **97.1710, -25.7203, 83.1650**, and if you desaturate by 10%, it is **121.4610, -18.9613, 61.8627**.

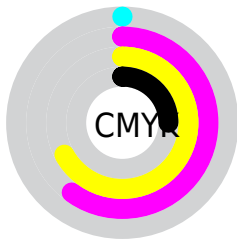
Distribution



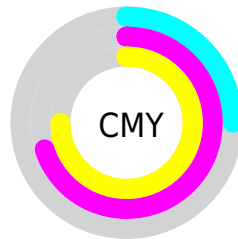
- Red (75%)
- Green (30%)
- Blue (25%)



- Red (75%)
- Yellow (30%)
- Blue (25%)



- Cyan (0%)
- Magenta (60%)
- Yellow (67%)
- Black (25%)



- Cyan (25%)
- Magenta (70%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.3160, -22.3408, 72.5139 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 109.3160, -22.3408, 72.5139 by changing the saturation by 10% instead.

■ 109.3160,
-22.3408, 72.5139

■ 109.3160,
-22.3408, 72.5139

■ 255.0000, 0.0000,
0.0000

■ 81.9890, -19.7146,
70.1696

■ 164.4370,
-25.8514, 78.5468

■ 53.0150, -15.7834,
69.2698

■ 183.5490,
-22.4557, 62.6625

■ 30.7970, -15.1829,
63.3220

■ 202.9490,
-19.2019, 45.6487

■ 22.1260, -10.9081,
45.4935

■ 223.0500,
-15.8006, 28.0202

■ 14.5800, -6.2019,
29.3093

■ 243.2650,
-11.9626, 10.2916

■ 0.0000, 0.0000,
0.0000

■ 254.2020, -3.0576,

0.6998

■ 109.3160,
-22.3408, 72.5139

■ 109.3160,
-22.3408, 72.5139

■ 97.1710, -25.7203,
83.1650

■ 121.4610,
-18.9613, 61.8627

■ 84.4390, -28.8104,
94.3310

■ 134.1930,
-15.8711, 50.6967

■ 72.1800, -32.6267,
105.0821

■ 146.4520,
-12.0548, 39.9456

■ 67.9740, -33.5112,
108.7708

■ 159.1840, -8.9647,
28.7796

■ 171.3290, -5.5852,
18.1285

■ 183.4740, -2.2057,
7.4773

■ 196.2060, 0.8844,
-3.6887

■ 208.4650, 4.7008,
-14.4398

■ 221.1970, 7.7909,
-25.6058

Harmonies

Analogous

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



109.7720, -0.3806, 75.6220



109.3160, -22.3408, 72.5139



109.3200, -42.0628, 51.4624

Triad

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



109.3160, -22.3408, 72.5139



86.1650, -7.4763, -75.5667



92.2770, 56.5584, -80.9269

Complementary

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



109.3160, -22.3408, 72.5139



146.6840, 22.3408, -72.5139

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.



98.2950, 49.1546, -86.2047



109.3160, -22.3408, 72.5139



92.8110, 12.9112, -81.3952

Square

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



109.3160, -22.3408, 72.5139



101.4440, -37.1939, -17.0524



98.0550, 33.0039, -85.9942



115.8920, 37.5212, 5.3567

Rectangle

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



109.3160, -22.3408, 72.5139



106.4520, -52.4808, 32.9296



98.0550, 33.0039, -85.9942



95.2120, 55.1115, -83.5009

Sweetspot

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



109.3160, -22.3408, 72.5139



217.8850, -8.8173, 28.1649



115.6100, 32.2373, 66.9940



105.7310, -5.2904, 16.8989



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



109.3160, -22.3408, 72.5139



120.9530, -34.9798, 113.1742



146.2970, -40.5724, 40.0815



90.5770, -1.7635, 5.6330



56.9440, -28.0734, 91.2571



11.6280, -5.7326, 18.7432

Inverse Universe

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



146.6840, 22.3408, -72.5139



179.0470, 34.9798, -113.1742



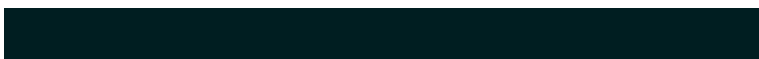
109.7030, 40.5724, -40.0815



93.4230, 1.7635, -5.6330



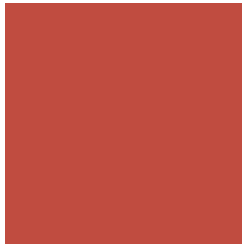
104.0560, 28.0734, -91.2571



21.3720, 5.7326, -18.7432

Previews

White Background



This preview shows how the YUV color 109.3160, -22.3408, 72.5139 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 109.3160, -22.3408, 72.5139 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 109.3160, -22.3408, 72.5139

Background



This preview shows how black text looks on a background with the YUV color 109.3160, -22.3408, 72.5139.



This preview shows how white text looks on a background with the YUV color 109.3160, -22.3408,

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

109.3160, -22.3408, 72.5139

Protanopia

112.8860, -17.1988, 9.7470

Deuteranopia

112.7540, -26.9937, 24.7717



Tritanopia

110.1510, -15.3574, 72.6586

Trichromacy



Original Color

109.3160, -22.3408, 72.5139

Protanomaly

111.5730, -19.0165, 32.8235

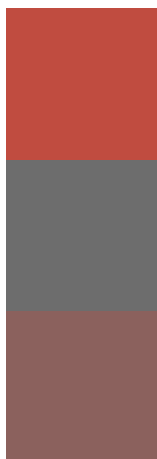
Deuteranomaly

111.6190, -25.4482, 42.4301

Tritanomaly

110.1680, -17.8308, 72.6437

Monochromacy



Original Color

109.3160, -22.3408, 72.5139

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1020, -7.9383, 26.2205

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.3160, -22.3408, 72.5139 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(192, 76, 64)` looks like.

```
.text, #text, p{  
    color:rgb(192, 76, 64)  
}
```

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(192, 76, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 76, 64) }
```

Border

The CSS property to change the border of an element to YUV 109.3160, -22.3408, 72.5139 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(192, 76, 64) }
```


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

```
.border{ border-color:rgb(192, 76, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 76, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 76, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 76, 64);  
box-shadow:4px 4px 4px 4px rgb(192, 76,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 109.3160, -22.3408, 72.5139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 76, 64) }
```

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

```
.background{ background-color: rgb(192, 76,  
64) }
```

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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