

Converting Colors

YUV(112.2210, -42.0140,
35.7632)

Have a look what the booklet for
YUV(112.2210, -42.0140, 35.7632)
contains.

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Color

**YUV(112.2210, -42.0140,
35.7632)**

Conversions

Conversions Part 1

Format	Color
Hex	996C1B
RGB	153, 108, 27
RGB Percent	60%, 42%, 11%
CMY	0.4000, 0.5765, 0.8941
CMYK	0.00, 0.29, 0.82, 0.40
HSL	39°, 70%, 35%
HSV	39°, 82%, 60%
XYZ	18.6973, 17.5766, 3.4441
YIQ	112.2210, 52.8210, -15.6510

Conversions

Conversions Part 2

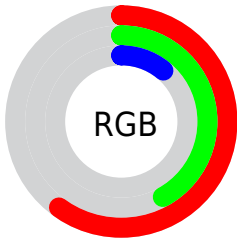
Format	Color
R_{YB}	97, 153, 27
Decimal	10054683
CIE _{Lab}	48.98, 10.71, 48.78
CIE _{LCh}	49, 49.943, 77.614
Yxy	17.5766, 0.4708, 0.4425
Android (android.graphics.Color)	4288244763 (0xFF996C1B)
YUV	112.2210, -42.0140, 35.7632
Hunter-Lab	41.9244, 6.2389, 24.4764

Details

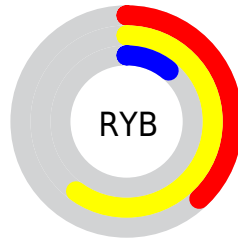
The YUV color **112.2210, -42.0140, 35.7632** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **67.7790, 42.0140, -35.7632**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.3140, -43.0458, 40.0666**, and **65.1090, -32.0987, 28.8454** is the 20% darker color. If you saturate the color by 10%, you get **107.5760, -47.1190, 39.8368**, and if you desaturate by 10%, it is **116.8660, -36.9089, 31.6895**.

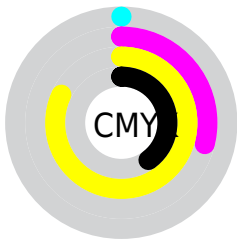
Distribution



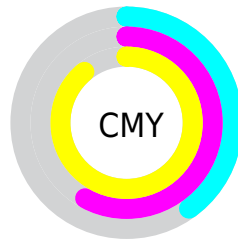
- Red (60%)
- Green (42%)
- Blue (11%)



- Red (38%)
- Yellow (60%)
- Blue (11%)



- Cyan (0%)
- Magenta (29%)
- Yellow (82%)
- Black (40%)



- Cyan (40%)
- Magenta (58%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.2210, -42.0140, 35.7632 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 112.2210, -42.0140, 35.7632 by changing the saturation by 10% instead.

■ 112.2210,
-42.0140, 35.7632

■ 112.2210,
-42.0140, 35.7632

■ 255.0000, 0.0000,
0.0000

■ 86.6830, -42.7347,
33.6040

■ 165.3140,
-43.0458, 40.0666

■ 65.1090, -32.0987,
28.8454

■ 193.0970,
-43.9248, 42.0109

■ 43.8230, -21.6047,
22.9572

■ 216.6830,
-42.7347, 33.6040

■ 24.3090, -11.9843,
17.2690

■ 236.1970,
-39.0441, 16.4902

■ 4.7840, -2.3585,
9.8364

■ 246.9060,
-31.0127, 7.0984

■ 0.0000, 0.0000,
0.0000

■ 250.2120,

-18.3455, 4.1991

253.4040, -6.1152,
1.3997

112.2210,
-42.0140, 35.7632

112.2210,
-42.0140, 35.7632

107.5760,
-47.1190, 39.8368

116.8660,
-36.9089, 31.6895

103.2730,
-50.9136, 43.6106

122.2120,
-31.6565, 27.0011

126.8570,
-26.5515, 22.9274

132.0890,
-21.7359, 18.3389

136.8480,
-16.1941, 14.1653

■ 142.0800,
-11.3784, 9.5768

■ 146.7250, -6.2734,
5.5032

■ 151.9570, -1.4578,
0.9147

■ 156.7160, 4.0840,
-3.2589

Harmonies

Analogous

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



113.8060, -28.9914, 58.9291



112.2210, -42.0140, 35.7632



108.9630, -40.9008, 5.2944

Triad

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



112.2210, -42.0140, 35.7632



96.4930, 21.9420, -84.6244



119.8640, 26.6890, 26.4293

Complementary

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



112.2210, -42.0140, 35.7632



67.7790, 42.0140, -35.7632

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.



113.3180, 41.2552, -25.7119



112.2210, -42.0140, 35.7632



98.9500, 38.9716, -86.7792

Square

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



112.2210, -42.0140, 35.7632



90.8900, 3.0122, -79.7105



96.6480, 50.4595, -84.7603



116.8930, 9.4198, 58.8528

Rectangle

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



112.2210, -42.0140, 35.7632



104.9690, -30.0577, -19.2668



96.6480, 50.4595, -84.7603



119.1440, 31.9740, 11.2747

Sweetspot

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



112.2210, -42.0140, 35.7632



182.7340, -16.6309, 14.2653



69.9180, 1.5194, 72.8629



89.8240, -9.7732, 8.0474



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



112.2210, -42.0140, 35.7632



135.4520, -65.7918, 55.7316



133.5530, -52.5306, 2.1460



74.3270, -2.6262, 2.3442



94.6900, -46.6822, 39.7369



8.5830, -4.2314, 3.8737

Inverse Universe

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



67.7790, 42.0140, -35.7632



65.5480, 65.7918, -55.7316



46.4470, 52.5306, -2.1460



71.6730, 2.6262, -2.3442



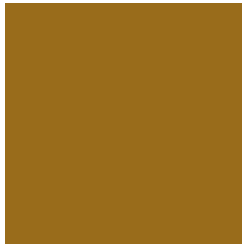
45.3100, 46.6822, -39.7369



4.4170, 4.2314, -3.8737

Previews

White Background



This preview shows how the YUV color 112.2210, -42.0140, 35.7632 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 112.2210, -42.0140, 35.7632 looks on a black 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

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

YUV 112.2210, -42.0140, 35.7632

Background



This preview shows how black text looks on a background with the YUV color 112.2210, -42.0140, 35.7632.



This preview shows how white text looks on a background with the YUV color 112.2210, -42.0140,

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

112.2210, -42.0140, 35.7632

Protanopia

111.1540, -40.5019, 17.4049

Deuteranopia

112.0740, -42.4345, 30.6301



Tritanopia

118.8410, -5.3446, 34.3424

Trichromacy



Original Color

112.2210, -42.0140, 35.7632

Protanomaly

111.6710, -41.2498, 23.9675

Deuteranomaly

112.0850, -42.4399, 32.3745

Tritanomaly

116.6980, -18.5851, 34.4679

Monochromacy



Original Color

112.2210, -42.0140, 35.7632

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.3640, -15.4625, 12.8358

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.2210, -42.0140, 35.7632 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(153, 108, 27)` looks like.

```
.text, #text, p{  
    color:rgb(153, 108, 27)  
}
```

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(153, 108, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 108, 27) }
```

Border

The CSS property to change the border of an element to YUV 112.2210, -42.0140, 35.7632 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(153, 108, 27) }
```


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

```
.border{ border-color:rgb(153, 108, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 108, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 108, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 108, 27);  
box-shadow:4px 4px 4px 4px rgb(153, 108,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 112.2210, -42.0140, 35.7632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 108, 27) }
```

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

```
.background{ background-color: rgb(153,  
108, 27) }
```

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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