

Converting Colors

YUV(67.7210, -23.5265,
32.6937)

Have a look what the booklet for
YUV(67.7210, -23.5265, 32.6937)
contains.

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Color

**YUV(67.7210, -23.5265,
32.6937)**

Conversions

Conversions Part 1

Format	Color
Hex	693A14
RGB	105, 58, 20
RGB Percent	41%, 23%, 8%
CMY	0.5882, 0.7725, 0.9216
CMYK	0.00, 0.45, 0.81, 0.59
HSL	27°, 68%, 25%
HSV	27°, 81%, 41%
XYZ	7.4650, 6.0799, 1.4419
YIQ	67.7210, 40.2100, -1.8540

Conversions

Conversions Part 2

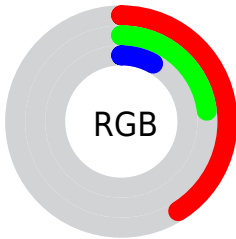
Format	Color
RYB	105, 89, 20
Decimal	6896148
CIELab	29.61, 17.52, 31.33
CIELCh	30, 35.891, 60.787
Yxy	6.0799, 0.4981, 0.4057
Android (android.graphics.Color)	4285086228 (0xFF693A14)
YUV	67.7210, -23.5265, 32.6937
Hunter-Lab	24.6574, 10.8904, 13.7931

Details

The YUV color **67.7210, -23.5265, 32.6937** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **57.2790, 23.5265, -32.6937**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.4720, -25.8687, 37.2971**, and **24.6520, -12.1534, 24.8612** is the 20% darker color. If you saturate the color by 10%, you get **63.0590, -26.1581, 36.7823**, and if you desaturate by 10%, it is **72.4970, -20.4580, 28.5051**.

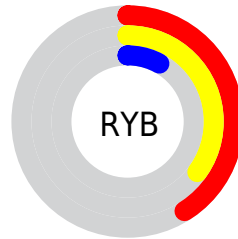
Distribution



Red (41%)

Green (23%)

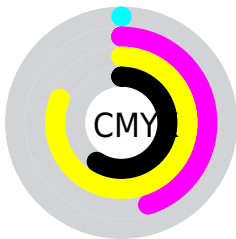
Blue (8%)



Red (41%)

Yellow (35%)

Blue (8%)

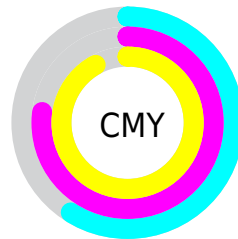


Cyan (0%)

Magenta (45%)

Yellow (81%)

Black (59%)



Cyan (59%)

Magenta (77%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.7210, -23.5265, 32.6937 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 67.7210, -23.5265, 32.6937 by changing the saturation by 10% instead.

67.7210, -23.5265,
32.6937

67.7210, -23.5265,
32.6937

254.5440, -1.7472,
0.3999

44.7530, -22.0632,
30.0346

117.4720,
-25.8687, 37.2971

24.6520, -12.1534,
24.8612

143.5540,
-26.8951, 39.8561

8.7850, -3.8380,
17.7286

170.3370,
-27.7741, 41.8005

0.0000, 0.0000,
0.0000

197.8210,
-28.5058, 43.1300

219.6130,
-26.4312, 31.0344

239.2410,

-22.3038, 13.8206

■ 251.2380,
-14.4143, 3.2993

■ 67.7210, -23.5265,
32.6937

■ 67.7210, -23.5265,
32.6937

■ 63.0590, -26.1581,
36.7823

■ 72.4970, -20.4580,
28.5051

■ 58.9840, -29.0791,
40.3560

■ 77.1590, -17.8264,
24.4166

■ 81.3480, -14.4686,
20.7428

■ 86.0100, -11.8369,
16.6542

■ 90.7860, -8.7685,
12.4657

■ 95.4480, -6.1369,
8.3771

■ 100.2240, -3.0684,
4.1886

■ 104.2990, -0.1474,
0.6148

■ 109.0750, 2.9210,
-3.5738

Harmonies

Analogous

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



67.7730, -12.2131, 44.0491



67.7210, -23.5265, 32.6937



66.1180, -29.1452, 14.8055

Triad

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



67.7210, -23.5265, 32.6937



56.7010, 6.5564, -49.7268



71.0750, 23.1340, -0.0658

Complementary

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



67.7210, -23.5265, 32.6937



57.2790, 23.5265, -32.6937

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.



57.2150, 33.9110, -50.1776



67.7210, -23.5265, 32.6937



59.8930, 18.7868, -52.5262

Square

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



67.7210, -23.5265, 32.6937



54.6130, -6.7112, -40.8796



60.4120, 28.3909, -52.9813



71.5040, 12.5695, 28.4990

Rectangle

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



67.7210, -23.5265, 32.6937



64.1270, -26.1916, 0.7656



60.4120, 28.3909, -52.9813



68.7960, 26.2296, -12.9761

Sweetspot

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



67.7210, -23.5265, 32.6937



123.0850, -8.9159, 13.0805



50.8870, 8.4367, 47.4571



60.2630, -5.5527, 7.6623



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



67.7210, -23.5265, 32.6937



79.2860, -37.1160, 51.4922



91.7880, -35.3915, 11.5869



51.5550, -1.7526, 2.1443



65.5070, -32.2950, 45.1594



137.2380, -67.6583, 94.5073

Inverse Universe

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



57.2790, 23.5265, -32.6937



62.7140, 37.1160, -51.4922



33.2120, 35.3915, -11.5869



50.4450, 1.7526, -2.1443



51.4930, 32.2950, -45.1594



107.1750, 67.9477, -93.9925

Previews

White Background



This preview shows how the YUV color 67.7210, -23.5265, 32.6937 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



This preview shows how the YUV color 67.7210, -23.5265, 32.6937 looks on a 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 67.7210, -23.5265, 32.6937

Background



This preview shows how black text looks on a background with the YUV color 67.7210, -23.5265, 32.6937.



This preview shows how white text looks on a background with the YUV color 67.7210, -23.5265,

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

67.7210, -23.5265, 32.6937

Protanopia

67.9200, -22.1456, 9.7172

Deuteranopia

67.7640, -25.5197, 18.6240



Tritanopia

70.3030, -6.0654, 32.1833

Trichromacy



Original Color

67.7210, -23.5265, 32.6937

Protanomaly

67.5620, -22.4621, 17.9241

Deuteranomaly

67.9110, -25.0991, 23.7571

Tritanomaly

68.9950, -12.3225, 32.4534

Monochromacy



Original Color

67.7210, -23.5265, 32.6937

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.6010, -8.1843, 11.7509

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.7210, -23.5265, 32.6937 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(105, 58, 20)` looks like.

```
.text, #text, p{  
    color:rgb(105, 58, 20)  
}
```

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(105, 58, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 58, 20) }
```

Border

The CSS property to change the border of an element to YUV 67.7210, -23.5265, 32.6937 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(105, 58, 20) }
```


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

```
.border{ border-color:rgb(105, 58, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 58, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 58, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 58, 20);  
box-shadow:4px 4px 4px 4px rgb(105, 58,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 67.7210, -23.5265, 32.6937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 58, 20) }
```

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

```
.background{ background-color: rgb(105, 58,  
20) }
```

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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