

Converting Colors

YUV(103.3920, 35.7957,
-1.2208)

Have a look what the booklet for
YUV(103.3920, 35.7957, -1.2208)
contains.

YUV(103.3920, 35.7957, -1.2208)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(103.3920, 35.7957,
-1.2208)**

Conversions

Conversions Part 1

Format	Color
Hex	665AB0
RGB	102, 90, 176
RGB Percent	40%, 35%, 69%
CMY	0.6000, 0.6471, 0.3098
CMYK	0.42, 0.49, 0.00, 0.31
HSL	248°, 35%, 52%
HSV	248°, 49%, 69%
XYZ	16.9721, 13.2717, 42.7415
YIQ	103.3920, -20.4540, 29.2900

Conversions

Conversions Part 2

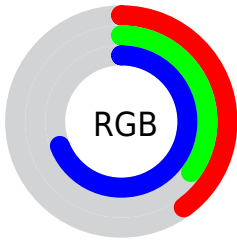
Format	Color
R_{YB}	102, 90, 176
Decimal	6707888
CIE _{Lab}	43.17, 26.52, -44.42
CIE _{LCh}	43, 51.735, 300.833
Yxy	13.2717, 0.2325, 0.1818
Android (android.graphics.Color)	4284897968 (0xFF665AB0)
YUV	103.3920, 35.7957, -1.2208
Hunter-Lab	36.4303, 19.4063, -44.0600

Details

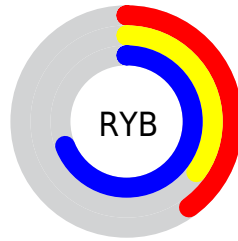
The YUV color **103.3920, 35.7957, -1.2208** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **162.6080, -35.7957, 1.2208**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.5710, 37.6795, 1.2532**, and **54.2020, 33.9174, -5.4392** is the 20% darker color. If you saturate the color by 10%, you get **88.3410, 43.2159, -1.1761**, and if you desaturate by 10%, it is **118.4430, 28.3756, -1.2655**.

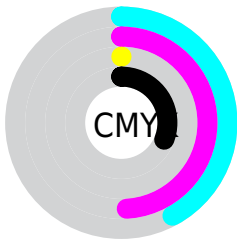
Distribution



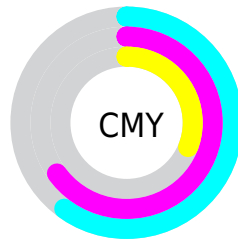
- Red (40%)
- Green (35%)
- Blue (69%)



- Red (40%)
- Yellow (35%)
- Blue (69%)



- Cyan (42%)
- Magenta (49%)
- Yellow (0%)
- Black (31%)



- Cyan (60%)
- Magenta (65%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.3920, 35.7957, -1.2208 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 103.3920, 35.7957, -1.2208 by changing the saturation by 10% instead.

■ 103.3920, 35.7957,
-1.2208

■ 103.3920, 35.7957,
-1.2208

■ 255.0000, 0.0000,
0.0000

■ 78.1530, 34.9276,
-2.7652

■ 155.5710, 37.6795,
1.2532

■ 54.2020, 33.9174,
-5.4392

■ 182.4140, 35.7849,
2.2679

■ 29.0440, 33.5023,
-12.3166

■ 206.6350, 23.8439,
5.5821

■ 8.3220, 31.8863,
-7.2984

■ 231.7420, 11.4662,
8.9963

■ 8.0480, 20.6823,
-7.0581

■ 252.6520, 1.1576,
2.0592

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,

0.0000

■ 103.3920, 35.7957,
-1.2208

■ 103.3920, 35.7957,
-1.2208

■ 88.3410, 43.2159,
-1.1761

■ 118.4430, 28.3756,
-1.2655

■ 73.8770, 50.3466,
-1.6461

■ 132.9070, 21.2448,
-0.7954

■ 58.8260, 57.7668,
-1.6014

■ 147.9580, 13.8247,
-0.8402

■ 44.0630, 65.0449,
-2.6863

■ 162.7210, 6.5465,
0.2447

■ 29.0120, 72.4651,
-2.6415

■ 177.7720, -0.8736,
0.2000

■ 27.5390, 73.1913,
-2.2267

■ 192.8230, -8.2937,
0.1552

■ 207.2870,
-15.4245, 0.6253

■ 222.3380,
-22.8446, 0.5806

■ 236.8020,
-29.9754, 1.0506

Harmonies

Analogous

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



84.2410, 51.1532, -73.8794



103.3920, 35.7957, -1.2208



103.5520, 19.9409, 44.2429

Triad

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



103.3920, 35.7957, -1.2208



98.2750, -37.1106, 49.7478



83.2420, 9.2477, -73.0032

Complementary

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



103.3920, 35.7957, -1.2208



162.6080, -35.7957, 1.2208

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.



76.4650, -9.1032, -67.0598



103.3920, 35.7957, -1.2208



94.8790, -46.7753, 22.9081

Square

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



103.3920, 35.7957, -1.2208



97.4340, -17.9620, 68.0254



91.0040, -36.4840, -11.4045



87.5570, 28.3194, -76.7875

Rectangle

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



103.3920, 35.7957, -1.2208



99.9860, 8.3879, 63.1563



91.0040, -36.4840, -11.4045



80.9450, 2.9851, -70.9888

Sweetspot

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



103.3920, 35.7957, -1.2208



200.4850, 14.5509, -0.4253



143.8290, 15.8603, -47.2080



97.2910, 8.7305, -0.2552



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.



103.3920, 35.7957, -1.2208



115.1850, 56.6038, -1.9162



115.9500, 29.6047, 24.5999



81.6240, 3.6364, 0.3298



23.7210, 63.7345, -2.3863



4.1600, 10.7671, -0.1403

Inverse Universe

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



124.1500, 19.6461, 45.4725



148.0020, 31.0580, 71.9122



150.0500, -29.6046, -24.5998



83.6030, 2.1677, 4.7332



60.7950, 35.1041, 80.8638



10.2820, 5.7770, 13.7847

Previews

White Background



This preview shows how the YUV color 103.3920, 35.7957, -1.2208 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 103.3920, 35.7957, -1.2208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

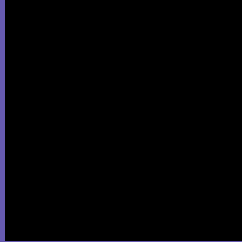
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.3920, 35.7957, -1.2208

Background



This preview shows how black text looks on a background with the YUV color 103.3920, 35.7957, -1.2208.



This preview shows how white text looks on a background with the YUV color 103.3920, 35.7957, -1.2208.

-1.2208.

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

103.3920, 35.7957, -1.2208

Protanopia

97.1430, 43.3135, -32.5744

Deuteranopia

95.1330, 38.3884, -39.5816



Tritanopia

100.2310, 6.2951, -12.4806

Trichromacy



Original Color

103.3920, 35.7957, -1.2208

Protanomaly

99.5250, 40.6602, -21.5084

Deuteranomaly

97.9930, 37.4715, -25.4269

Tritanomaly

101.7120, 16.9040, -8.5174

Monochromacy



Original Color

103.3920, 35.7957, -1.2208

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.1430, 13.2405, -0.1254

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3920, 35.7957, -1.2208 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(102, 90, 176)` looks like.

```
.text, #text, p{  
    color:rgb(102, 90, 176)  
}
```

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(102, 90, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 90, 176) }
```

Border

The CSS property to change the border of an element to YUV 103.3920, 35.7957, -1.2208 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(102, 90, 176) }
```


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

```
.border{ border-color:rgb(102, 90, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 90, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 90, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 90, 176);  
box-shadow:4px 4px 4px 4px rgb(102, 90,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 103.3920, 35.7957, -1.2208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 90, 176) }
```

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

```
.background{ background-color: rgb(102, 90,  
176) }
```

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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