

Converting Colors

YUV(89.7090, 35.1465, 20.4262)

Have a look what the booklet for
YUV(89.7090, 35.1465, 20.4262)
contains.

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Color

**YUV(89.7090, 35.1465,
20.4262)**

Conversions

Conversions Part 1

Format	Color
Hex	7140A1
RGB	113, 64, 161
RGB Percent	44%, 25%, 63%
CMY	0.5569, 0.7490, 0.3686
CMYK	0.30, 0.60, 0.00, 0.37
HSL	270°, 43%, 44%
HSV	270°, 60%, 63%
XYZ	15.0765, 9.7507, 34.8057
YIQ	89.7090, -1.9330, 40.5550

Conversions

Conversions Part 2

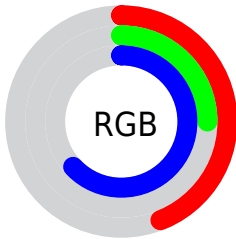
Format	Color
R_{YB}	113, 64, 161
Decimal	7422113
CIE _{Lab}	37.39, 40.53, -44.70
CIE _{LCh}	37, 60.332, 312.198
Yxy	9.7507, 0.2528, 0.1635
Android (android.graphics.Color)	4285612193 (0xFF7140A1)
YUV	89.7090, 35.1465, 20.4262
Hunter-Lab	31.2261, 31.5369, -44.2283

Details

The YUV color **89.7090, 35.1465, 20.4262** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **135.2910, -35.1465, -20.4262**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.7740, 36.5934, 23.0002**, and **38.5840, 34.7151, 18.7818** is the 20% darker color. If you saturate the color by 10%, you get **77.9250, 40.9560, 23.7448**, and if you desaturate by 10%, it is **101.4930, 29.3370, 17.1076**.

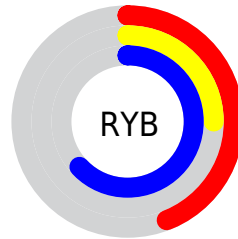
Distribution



Red (44%)

Green (25%)

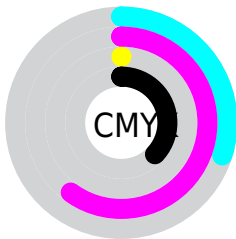
Blue (63%)



Red (44%)

Yellow (25%)

Blue (63%)

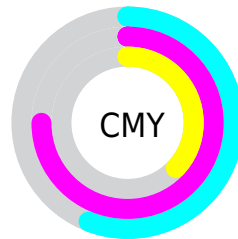


Cyan (30%)

Magenta (60%)

Yellow (0%)

Black (37%)



Cyan (56%)

Magenta (75%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7090, 35.1465, 20.4262 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 89.7090, 35.1465, 20.4262 by changing the saturation by 10% instead.

89.7090, 35.1465,
20.4262

89.7090, 35.1465,
20.4262

255.0000, 0.0000,
0.0000

64.4700, 34.2783,
18.8818

141.7740, 36.5934,
23.0002

38.5840, 34.7151,
18.7818

168.7140, 37.6090,
23.9298

19.4430, 31.8266,
11.8895

194.3740, 29.8886,
26.8590

8.9330, 25.1760,
-1.6952

219.4810, 17.5109,
30.2732

5.3920, 15.5827,
-4.7288

236.2160, 9.2605,
16.4736

2.1830, 5.8258,
-1.9145

253.2390, 0.8682,

0.0000, 0.0000,

1.5444

0.0000

■ 89.7090, 35.1465,
20.4262

■ 89.7090, 35.1465,
20.4262

■ 77.9250, 40.9560,
23.7448

■ 101.4930, 29.3370,
17.1076

■ 66.1410, 46.7655,
27.0633

■ 113.2770, 23.5274,
13.7891

■ 54.3570, 52.5750,
30.3819

■ 125.0610, 17.7179,
10.4705

■ 42.5730, 58.3845,
33.7005

■ 136.8450, 11.9084,
7.1519

■ 149.2160, 5.8095,
3.3186

■ 161.0000, 0.0000,
0.0000

■ 172.7840, -5.8095,
-3.3186

■ 184.5680,
-11.6190, -6.6371

■ 196.3520,
-17.4285, -9.9557

Harmonies

Analogous

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



72.6320, 54.9044, -63.6983



89.7090, 35.1465, 20.4262



80.4780, 18.9913, 68.8638

Triad

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



89.7090, 35.1465, 20.4262



83.1940, -41.0146, 41.9259



76.1810, 15.1938, -66.8107

Complementary

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



89.7090, 35.1465, 20.4262



135.2910, -35.1465, -20.4262

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.



69.1930, -6.5041, -60.6823



89.7090, 35.1465, 20.4262



80.9140, -39.8906, 7.9684

Square

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



89.7090, 35.1465, 20.4262



79.2250, -27.7189, 70.8397



67.9470, -33.4979, -35.9105



80.8380, 35.5759, -70.8949

Rectangle

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



89.7090, 35.1465, 20.4262



72.2000, 7.2964, 86.6476



67.9470, -33.4979, -35.9105



74.2430, 7.7682, -65.1111

Sweetspot

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



89.7090, 35.1465, 20.4262



181.0130, 13.7976, 7.8816



103.2340, 28.4786, -34.4082



87.9110, 8.4249, 4.4631



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



89.7090, 35.1465, 20.4262



98.8240, 54.3168, 31.7264



104.0610, 28.0709, 49.9355



75.5210, 3.1941, 2.1741



38.3570, 52.5750, 30.3819



4.7430, 6.5357, 3.7334

Inverse Universe

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



98.4750, 6.6678, 54.8344



112.2860, 10.2120, 84.8182



120.9390, -28.0709, -49.9355



76.1470, 0.4205, 5.1331



51.5630, 10.0754, 81.9442



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 89.7090, 35.1465, 20.4262 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 89.7090, 35.1465, 20.4262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

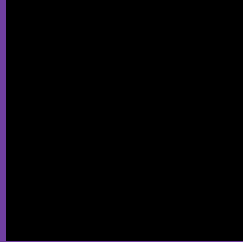
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.7090, 35.1465, 20.4262

Background



This preview shows how black text looks on a background with the YUV color 89.7090, 35.1465, 20.4262.



This preview shows how white text looks on a background with the YUV color 89.7090, 35.1465,

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

89.7090, 35.1465, 20.4262

Protanopia

70.5290, 54.4622, -61.8539

Deuteranopia

79.2850, 37.8205, -44.0999



Tritanopia

89.4680, 0.2623, 9.2366

Trichromacy



Original Color

89.7090, 35.1465, 20.4262

Protanomaly

77.2940, 47.6761, -31.8298

Deuteranomaly

83.4990, 36.7290, -20.6086

Tritanomaly

89.8180, 12.9077, 13.3146

Monochromacy



Original Color

89.7090, 35.1465, 20.4262

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0730, 12.7820, 6.9520

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7090, 35.1465, 20.4262 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(113, 64, 161)` looks like.

```
.text, #text, p{  
    color:rgb(113, 64, 161)  
}
```

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(113, 64, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 64, 161) }
```

Border

The CSS property to change the border of an element to YUV 89.7090, 35.1465, 20.4262 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(113, 64, 161) }
```


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

```
.border{ border-color:rgb(113, 64, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 64, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 64, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 64, 161);  
box-shadow:4px 4px 4px 4px rgb(113, 64,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 89.7090, 35.1465, 20.4262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 64, 161) }
```

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

```
.background{ background-color: rgb(113, 64,  
161) }
```

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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