

Converting Colors

YUV(88.2890, 22.0425, 23.4255)

Have a look what the booklet for
YUV(88.2890, 22.0425, 23.4255)
contains.

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Color

**YUV(88.2890, 22.0425,
23.4255)**

Conversions

Conversions Part 1

Format	Color
Hex	734285
RGB	115, 66, 133
RGB Percent	45%, 26%, 52%
CMY	0.5490, 0.7412, 0.4784
CMYK	0.14, 0.50, 0.00, 0.48
HSL	284°, 34%, 39%
HSV	284°, 50%, 52%
XYZ	13.2521, 9.2347, 23.2743
YIQ	88.2890, 7.6970, 31.2250

Conversions

Conversions Part 2

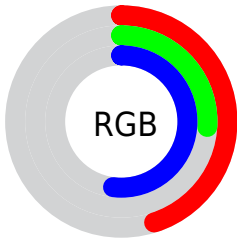
Format	Color
R_{YB}	115, 66, 133
Decimal	7553669
CIE _{Lab}	36.43, 33.27, -29.18
CIE _{LCh}	36, 44.254, 318.743
Yxy	9.2347, 0.2896, 0.2018
Android (android.graphics.Color)	4285743749 (0xFF734285)
YUV	88.2890, 22.0425, 23.4255
Hunter-Lab	30.3887, 24.6612, -24.1374

Details

The YUV color **88.2890, 22.0425, 23.4255** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **110.7110, -22.0425, -23.4255**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.5280, 22.9107, 24.9699**, and **40.0500, 21.1744, 21.8812** is the 20% darker color. If you saturate the color by 10%, you get **79.4620, 26.3942, 27.6588**, and if you desaturate by 10%, it is **97.1160, 17.6908, 19.1923**.

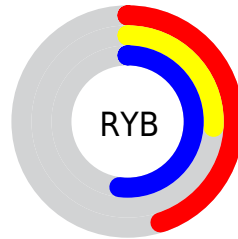
Distribution



Red (45%)

Green (26%)

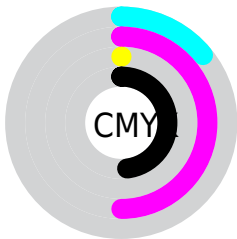
Blue (52%)



Red (45%)

Yellow (26%)

Blue (52%)

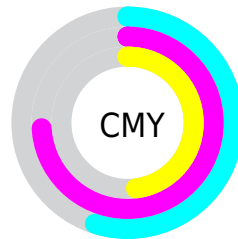


Cyan (14%)

Magenta (50%)

Yellow (0%)

Black (48%)



Cyan (55%)

Magenta (74%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.2890, 22.0425, 23.4255 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 88.2890, 22.0425, 23.4255 by changing the saturation by 10% instead.

■ 88.2890, 22.0425,
23.4255

■ 88.2890, 22.0425,
23.4255

255.0000, 0.0000,
0.0000

■ 63.5770, 21.9005,
22.2960

■ 139.5280, 22.9107,
24.9699

■ 40.0500, 21.1744,
21.8812

■ 166.3540, 23.4895,
25.9995

■ 18.9850, 19.7274,
19.3072

■ 194.1800, 24.0683,
27.0291

■ 9.0020, 13.8030,
6.1372

■ 220.0680, 17.2215,
29.7584

■ 2.1830, 5.8258,
-1.9145

■ 236.8030, 8.9711,
15.9588

■ 0.0000, 0.0000,
0.0000

253.8260, 0.5788,

1.0296

■ 88.2890, 22.0425,
23.4255

■ 88.2890, 22.0425,
23.4255

■ 79.4620, 26.3942,
27.6588

■ 97.1160, 17.6908,
19.1923

■ 70.3470, 30.8879,
33.0217

■ 106.2310, 13.1971,
13.8294

■ 61.5200, 35.2396,
37.2550

■ 115.0580, 8.8454,
9.5961

■ 52.9920, 39.4439,
42.1030

■ 123.5860, 4.6411,
4.7481

■ 44.1650, 43.7957,
46.3363

■ 133.0000, 0.0000,
0.0000

■ 141.5280, -4.2043,
-4.8481

■ 150.3550, -8.5560,
-9.0813

■ 159.1820,
-12.9077, -13.3146

■ 168.2970,
-17.4014, -18.6775

Harmonies

Analogous

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



82.9180, 34.5504, -21.8531



88.2890, 22.0425, 23.4255



84.7950, 7.9891, 51.0458

Triad

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



88.2890, 22.0425, 23.4255



81.0290, -37.4823, 28.9156



72.1860, 17.6563, -63.3071

Complementary

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



88.2890, 22.0425, 23.4255



110.7110, -22.0425, -23.4255

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.



67.3810, 1.7842, -59.0931



88.2890, 22.0425, 23.4255



78.5050, -36.2380, 3.0651

Square

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



88.2890, 22.0425, 23.4255



82.5920, -24.4489, 48.5928



72.5790, -18.5264, -31.2028



74.5460, 31.7758, -65.3768

Rectangle

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



88.2890, 22.0425, 23.4255



82.6790, -2.7997, 58.1635



72.5790, -18.5264, -31.2028



70.7040, 11.9779, -62.0074

Sweetspot

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



88.2890, 22.0425, 23.4255



155.6450, 8.5560, 9.0813



84.7910, 23.7670, -16.4797



76.4120, 5.2199, 5.7777



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



88.2890, 22.0425, 23.4255



103.5800, 34.2241, 36.3253



91.9610, 12.8372, 35.9912



62.1790, 1.8838, 2.4740



43.2250, 42.7801, 45.4067



0.9400, 1.0156, 0.9296

Inverse Universe

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



88.0850, -2.0139, 39.3905



103.2880, -3.1000, 61.1374



107.0390, -12.8372, -35.9912



61.9080, -0.4476, 3.5887



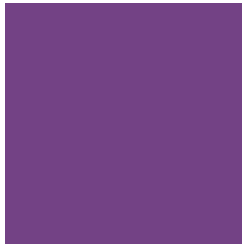
42.8600, -3.8750, 76.4218



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 88.2890, 22.0425, 23.4255 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 88.2890, 22.0425, 23.4255 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 88.2890, 22.0425, 23.4255

Background



This preview shows how black text looks on a background with the YUV color 88.2890, 22.0425, 23.4255.



This preview shows how white text looks on a background with the YUV color 88.2890, 22.0425,

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

88.2890, 22.0425, 23.4255

Protanopia

83.3370, 32.3719, -23.0975

Deuteranopia

84.9220, 21.7305, -16.5946



Tritanopia

87.6540, -1.8014, 17.8434

Trichromacy



Original Color

88.2890, 22.0425, 23.4255

Protanomaly

84.8230, 28.6813, -5.9838

Deuteranomaly

86.3090, 21.5397, -2.0250

Tritanomaly

88.2550, 6.7763, 19.9474

Monochromacy



Original Color

88.2890, 22.0425, 23.4255

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.1180, 7.8298, 8.6665

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.2890, 22.0425, 23.4255 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(115, 66, 133)` looks like.

```
.text, #text, p{  
    color:rgb(115, 66, 133)  
}
```

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(115, 66, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 66, 133) }
```

Border

The CSS property to change the border of an element to YUV 88.2890, 22.0425, 23.4255 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(115, 66, 133) }
```


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

```
.border{ border-color:rgb(115, 66, 133) }
```

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

Here you see how a box with a 4 pixel rgb(115, 66, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 66, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 66, 133);  
box-shadow:4px 4px 4px 4px rgb(115, 66,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 88.2890, 22.0425, 23.4255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 66, 133) }
```

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

```
.background{ background-color: rgb(115, 66,  
133) }
```

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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