

Converting Colors

YUV(88.1450, 50.7075, 22.6748)

Have a look what the booklet for
YUV(88.1450, 50.7075, 22.6748)
contains.

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Color

**YUV(88.1450, 50.7075,
22.6748)**

Conversions

Conversions Part 1

Format	Color
Hex	7237BF
RGB	114, 55, 191
RGB Percent	45%, 22%, 75%
CMY	0.5529, 0.7843, 0.2510
CMYK	0.40, 0.71, 0.00, 0.25
HSL	266°, 55%, 48%
HSV	266°, 71%, 75%
XYZ	17.7096, 10.0714, 50.3008
YIQ	88.1450, -8.4920, 54.8040

Conversions

Conversions Part 2

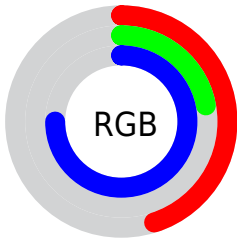
Format	Color
R _Y B	114, 55, 191
Decimal	7485375
CIE Lab	37.97, 52.95, -61.56
CIE LCh	38, 81.196, 310.701
Yxy	10.0714, 0.2268, 0.1290
Android (android.graphics.Color)	4285675455 (0xFF7237BF)
YUV	88.1450, 50.7075, 22.6748
Hunter-Lab	31.7354, 44.0729, -71.7601

Details

The YUV color **88.1450, 50.7075, 22.6748** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **157.8550, -50.7075, -22.6748**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.2100, 52.1545, 25.2488**, and **32.2480, 51.1497, 20.8305** is the 20% darker color. If you saturate the color by 10%, you get **73.7030, 57.8274, 25.6935**, and if you desaturate by 10%, it is **102.5870, 43.5876, 19.6562**.

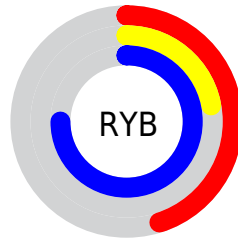
Distribution



Red (45%)

Green (22%)

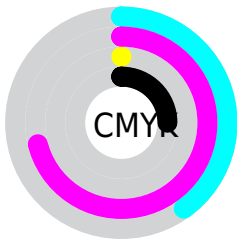
Blue (75%)



Red (45%)

Yellow (22%)

Blue (75%)

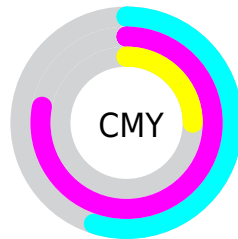


Cyan (40%)

Magenta (71%)

Yellow (0%)

Black (25%)



Cyan (55%)

Magenta (78%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.1450, 50.7075, 22.6748 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 88.1450, 50.7075, 22.6748 by changing the saturation by 10% instead.

■ 88.1450, 50.7075,
22.6748

■ 88.1450, 50.7075,
22.6748

■ 255.0000, 0.0000,
0.0000

■ 60.4330, 50.5655,
21.5453

■ 142.2100, 52.1545,
25.2488

■ 32.2480, 51.1497,
20.8305

■ 166.9410, 43.4131,
28.9927

■ 18.2210, 45.2470,
0.6832

■ 191.7600, 31.1773,
33.5365

■ 9.6900, 37.1278,
-8.4981

■ 215.6710, 19.3892,
34.4915

■ 9.8890, 25.1977,
-8.6727

■ 232.1070, 11.2862,
20.0772

■ 5.5060, 16.0195,
-4.8288

■ 249.1300, 2.8939,

■ 2.2970, 6.2626,

5.1480

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 88.1450, 50.7075,
22.6748

■ 88.1450, 50.7075,
22.6748

■ 73.7030, 57.8274,
25.6935

■ 102.5870, 43.5876,
19.6562

■ 59.2610, 64.9473,
28.7121

■ 117.0290, 36.4677,
16.6376

■ 46.5910, 71.1936,
31.9307

■ 131.1720, 29.4952,
13.0042

■ 145.6140, 22.3753,
9.9855

■ 160.6430, 14.9660,
6.4521

■ 175.0850, 7.8461,
3.4335

■ 189.5270, 0.7262,
0.4148

■ 203.9690, -6.3937,
-2.6038

■ 218.1120,
-13.3662, -6.2372

Harmonies

Analogous

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



79.3120, 70.3452, -69.5566



88.1450, 50.7075, 22.6748



69.0960, 31.9977, 97.2628

Triad

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



88.1450, 50.7075, 22.6748



83.2600, -41.0472, 52.3920



79.6860, 15.9308, -69.8846

Complementary

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



88.1450, 50.7075, 22.6748



157.8550, -50.7075, -22.6748

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.



70.5320, -14.0663, -61.8566



88.1450, 50.7075, 22.6748



81.7890, -40.3220, 6.3240

Square

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



88.1450, 50.7075, 22.6748



57.9400, -28.5644, 108.8006



62.8090, -30.9648, -55.0835



86.8680, 43.4491, -76.1832

Rectangle

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



88.1450, 50.7075, 22.6748



68.9780, 10.8568, 111.3983



62.8090, -30.9648, -55.0835



77.0640, 5.8844, -67.5851

Sweetspot

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



88.1450, 50.7075, 22.6748



207.8050, 19.3231, 8.9410



115.7030, 37.1214, -53.2365



101.4210, 11.6244, 4.8928



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



88.1450, 50.7075, 22.6748



88.1490, 78.3135, 34.9493



108.4770, 40.6838, 64.4797



87.2220, 3.3416, 1.5593



38.6430, 58.8430, 26.6231



7.4210, 11.6244, 4.8928

Inverse Universe

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



104.4420, 13.5861, 75.9114



113.3560, 21.0235, 117.2058



137.5230, -40.6838, -64.4797



88.2610, 0.8573, 5.0331



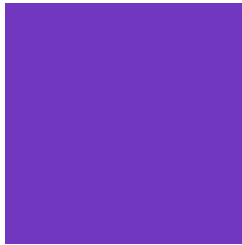
57.5020, 16.0215, 88.1367



11.2070, 2.8559, 17.3585

Previews

White Background



This preview shows how the YUV color 88.1450, 50.7075, 22.6748 looks on a white background.

Color Contrast Check

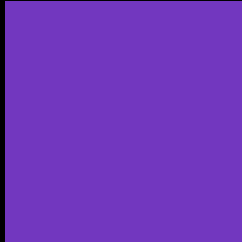
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.1450, 50.7075, 22.6748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

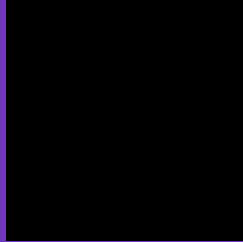
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.1450, 50.7075, 22.6748

Background



This preview shows how black text looks on a background with the YUV color 88.1450, 50.7075, 22.6748.



This preview shows how white text looks on a background with the YUV color 88.1450, 50.7075,

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

88.1450, 50.7075, 22.6748

Protanopia

71.3440, 55.0464, -62.5687

Deuteranopia

72.0160, 42.3901, -63.1580



Tritanopia

90.2930, 2.3206, 2.3740

Trichromacy



Original Color

88.1450, 50.7075, 22.6748

Protanomaly

77.4880, 53.4964, -32.0000

Deuteranomaly

78.0120, 45.3501, -32.4595

Tritanomaly

89.6310, 19.9019, 9.9706

Monochromacy



Original Color

88.1450, 50.7075, 22.6748

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.8650, 18.3076, 8.0114

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.1450, 50.7075, 22.6748 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(114, 55, 191)` looks like.

```
.text, #text, p{  
    color:rgb(114, 55, 191)  
}
```

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(114, 55, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 55, 191) }
```

Border

The CSS property to change the border of an element to YUV 88.1450, 50.7075, 22.6748 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(114, 55, 191) }
```


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

```
.border{ border-color:rgb(114, 55, 191) }
```

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

Here you see how a box with a 4 pixel rgb(114, 55, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 55, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 55, 191);  
box-shadow:4px 4px 4px 4px rgb(114, 55,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 88.1450, 50.7075, 22.6748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 55, 191) }
```

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

```
.background{ background-color: rgb(114, 55,  
191) }
```

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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