

Converting Colors

YUV(77.9060, 29.6263, 17.6224)

Have a look what the booklet for
YUV(77.9060, 29.6263, 17.6224)
contains.

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Color

**YUV(77.9060, 29.6263,
17.6224)**

Conversions

Conversions Part 1

Format	Color
Hex	62388A
RGB	98, 56, 138
RGB Percent	38%, 22%, 54%
CMY	0.6157, 0.7804, 0.4588
CMYK	0.29, 0.59, 0.00, 0.46
HSL	271°, 42%, 38%
HSV	271°, 59%, 54%
XYZ	11.0386, 7.2600, 24.8643
YIQ	77.9060, -1.2900, 34.4060

Conversions

Conversions Part 2

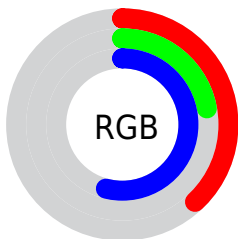
Format	Color
R_{YB}	98, 56, 138
Decimal	6437002
CIE _{Lab}	32.39, 35.36, -38.81
CIE _{LCh}	32, 52.506, 312.337
Yxy	7.2600, 0.2557, 0.1682
Android (android.graphics.Color)	4284627082 (0xFF62388A)
YUV	77.9060, 29.6263, 17.6224
Hunter-Lab	26.9444, 25.9755, -35.8518

Details

The YUV color **77.9060, 29.6263, 17.6224** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **116.0940, -29.6263, -17.6224**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.6720, 31.2207, 19.5817**, and **28.6670, 28.7582, 16.0780** is the 20% darker color. If you saturate the color by 10%, you get **67.5950, 34.7097, 20.5262**, and if you desaturate by 10%, it is **88.2170, 24.5430, 14.7187**.

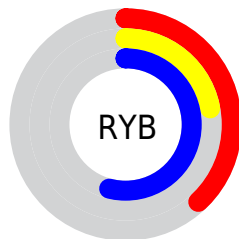
Distribution



Red (38%)

Green (22%)

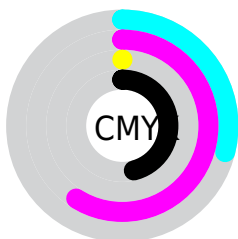
Blue (54%)



Red (38%)

Yellow (22%)

Blue (54%)

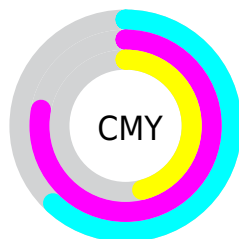


Cyan (29%)

Magenta (59%)

Yellow (0%)

Black (46%)



Cyan (62%)

Magenta (78%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9060, 29.6263, 17.6224 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 77.9060, 29.6263, 17.6224 by changing the saturation by 10% instead.

■ 77.9060, 29.6263,
17.6224

■ 77.9060, 29.6263,
17.6224

■ 255.0000, 0.0000,
0.0000

■ 53.6670, 28.7582,
16.0780

■ 128.6720, 31.2207,
19.5817

■ 28.6670, 28.7582,
16.0780

■ 155.4980, 31.7995,
20.6113

■ 14.4720, 24.4173,
8.3561

■ 182.4380, 32.8151,
21.5409

■ 5.2610, 17.6193,
-4.6139

■ 207.6420, 23.3475,
24.8700

■ 2.6390, 7.5730,
-2.3144

■ 229.7590, 12.4438,
22.1364

■ 0.0000, 0.0000,
0.0000

■ 246.7820, 4.0515,

7.2072

■ 77.9060, 29.6263,
17.6224

■ 77.9060, 29.6263,
17.6224

■ 67.5950, 34.7097,
20.5262

■ 88.2170, 24.5430,
14.7187

■ 57.5830, 39.6456,
24.0447

■ 98.2290, 19.6071,
11.2002

■ 47.8590, 44.4395,
26.4337

■ 107.9530, 14.8132,
8.8112

■ 37.5480, 49.5228,
29.3374

■ 118.2640, 9.7298,
5.9075

■ 36.9610, 49.8122,
29.8522

■ 128.5750, 4.6465,
3.0037

■ 138.5870, -0.2894,
-0.5148

■ 148.8980, -5.3727,
-3.4185

■ 158.6220,
-10.1666, -5.8075

■ 168.9330,
-15.2500, -8.7112

Harmonies

Analogous

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



62.6240, 47.0204, -54.9212



77.9060, 29.6263, 17.6224



71.0760, 15.2455, 56.9383

Triad

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



77.9060, 29.6263, 17.6224



71.9420, -35.4674, 36.0079



65.7800, 13.4195, -57.6891

Complementary

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



77.9060, 29.6263, 17.6224



116.0940, -29.6263, -17.6224

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.



60.1770, -5.5103, -52.7752



77.9060, 29.6263, 17.6224



70.2820, -34.6490, 6.7687

Square

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



77.9060, 29.6263, 17.6224



69.4840, -23.9026, 60.0885



59.5440, -28.8622, -29.4181



69.5250, 30.3072, -60.9734

Rectangle

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



77.9060, 29.6263, 17.6224



65.4170, 4.7244, 71.5483



59.5440, -28.8622, -29.4181



64.0700, 6.8675, -56.1894

Sweetspot

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



77.9060, 29.6263, 17.6224



154.8450, 11.9084, 7.1519



89.4150, 23.9524, -29.3050



75.1560, 6.8251, 4.2482



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



77.9060, 29.6263, 17.6224



85.9130, 45.8919, 27.2633



89.8660, 23.7301, 42.2135



63.6950, 2.6154, 1.1445



35.4940, 48.0705, 28.5078



1.4670, 1.7418, 1.3444

Inverse Universe

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



85.0780, 5.3845, 46.4126



97.0410, 8.3608, 71.8780



104.1340, -23.7301, -42.2135



64.4350, 0.2785, 4.0035



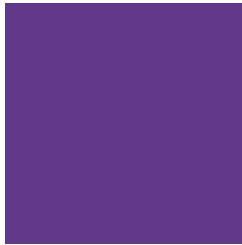
47.1770, 8.7867, 75.2668



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 77.9060, 29.6263, 17.6224 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 77.9060, 29.6263, 17.6224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

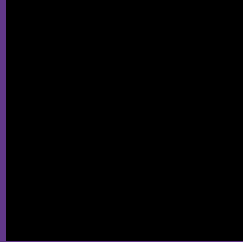
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.9060, 29.6263, 17.6224

Background



This preview shows how black text looks on a background with the YUV color 77.9060, 29.6263, 17.6224.



This preview shows how white text looks on a background with the YUV color 77.9060, 29.6263,

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

77.9060, 29.6263, 17.6224

Protanopia

64.0270, 45.8357, -48.2587

Deuteranopia

70.0320, 31.5362, -35.1081



Tritanopia

77.7560, 0.1203, 8.1070

Trichromacy



Original Color

77.9060, 29.6263, 17.6224

Protanomaly

68.6880, 40.0868, -24.2824

Deuteranomaly

72.9250, 30.6030, -15.7202

Tritanomaly

77.9380, 10.8766, 11.4554

Monochromacy



Original Color

77.9060, 29.6263, 17.6224

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9050, 10.8928, 6.2223

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9060, 29.6263, 17.6224 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(98, 56, 138)` looks like.

```
.text, #text, p{  
    color:rgb(98, 56, 138)  
}
```

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(98, 56, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 56, 138) }
```

Border

The CSS property to change the border of an element to YUV 77.9060, 29.6263, 17.6224 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(98, 56, 138) }
```


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

```
.border{ border-color:rgb(98, 56, 138) }
```

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

Here you see how a box with a 4 pixel rgb(98, 56, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 56, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 56, 138);  
box-shadow:4px 4px 4px 4px rgb(98, 56,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 77.9060, 29.6263, 17.6224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 56, 138) }
```

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

```
.background{ background-color: rgb(98, 56,  
138) }
```

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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