

Converting Colors

YUV(88.0870, -22.2279,
-10.6003)

Have a look what the booklet for
YUV(88.0870, -22.2279, -10.6003)
contains.

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Color

**YUV(88.0870, -22.2279,
-10.6003)**

Conversions

Conversions Part 1

Format	Color
Hex	4C672B
RGB	76, 103, 43
RGB Percent	30%, 40%, 17%
CMY	0.7020, 0.5961, 0.8314
CMYK	0.26, 0.00, 0.58, 0.60
HSL	87°, 41%, 29%
HSV	87°, 58%, 40%
XYZ	8.2668, 11.4114, 4.0524
YIQ	88.0870, 3.1680, -24.3840

Conversions

Conversions Part 2

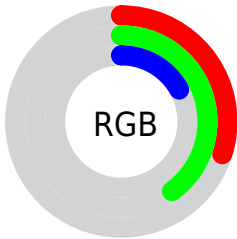
Format	Color
RYB	43, 103, 70
Decimal	5007147
CIELab	40.26, -20.99, 30.23
CIELCh	40, 36.805, 124.770
Yxy	11.4114, 0.3484, 0.4809
Android (android.graphics.Color)	4283197227 (0xFF4C672B)
YUV	88.0870, -22.2279, -10.6003
Hunter-Lab	33.7808, -15.4341, 16.5340

Details

The YUV color **88.0870, -22.2279, -10.6003** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **57.9130, 22.2279, 10.6003**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.7450, -23.5383, -10.3004**, and **41.5430, -20.4807, -11.0002** is the 20% darker color. If you saturate the color by 10%, you get **85.4520, -25.8588, -12.6744**, and if you desaturate by 10%, it is **90.7220, -18.5969, -8.5262**.

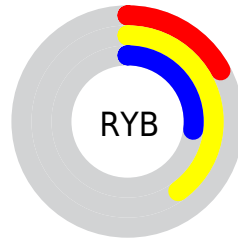
Distribution



Red (30%)

Green (40%)

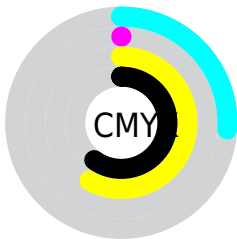
Blue (17%)



Red (17%)

Yellow (40%)

Blue (27%)

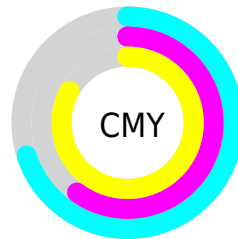


Cyan (26%)

Magenta (0%)

Yellow (58%)

Black (60%)



Cyan (70%)

Magenta (60%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.0870, -22.2279, -10.6003 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 88.0870, -22.2279, -10.6003 by changing the saturation by 10% instead.

■ 88.0870, -22.2279,
-10.6003

■ 88.0870, -22.2279,
-10.6003

■ 255.0000, 0.0000,
0.0000

■ 64.2010, -21.7911,
-10.7003

■ 138.7450,
-23.5383, -10.3004

■ 41.5430, -20.4807,
-11.0002

■ 165.2180,
-24.2645, -10.7152

■ 20.5560, -10.1341,
-16.2736

■ 192.6910,
-24.9907, -11.1300

■ 1.1740, -0.5788,
-1.0296

■ 220.4630,
-25.8643, -10.9301

■ 0.0000, 0.0000,
0.0000

■ 242.8920,
-23.1178, -5.1673

■ 251.4660,

-13.5407, 3.0993

254.7720, -0.8736,
0.2000

■ 88.0870, -22.2279,
-10.6003

■ 88.0870, -22.2279,
-10.6003

■ 85.4520, -25.8588,
-12.6744

■ 90.7220, -18.5969,
-8.5262

■ 83.0020, -30.0740,
-14.0338

■ 93.1720, -14.3818,
-7.1668

■ 80.3670, -33.7049,
-16.1079

■ 95.8070, -10.7509,
-5.0927

■ 77.7320, -37.3359,
-18.1820

■ 98.4420, -7.1199,
-3.0186

■ 77.5040, -38.2095,
-17.9820

■ 100.8920, -2.9048,
-1.6593

■ 103.5270, 0.7262,
0.4148

■ 105.8630, 4.5045,
1.8741

■ 108.4980, 8.1355,
3.9483

■ 111.2470, 12.2032,
5.9224

Harmonies

Analogous

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



91.4060, -29.2872, 13.6759



88.0870, -22.2279, -10.6003



80.4170, -6.1216, -43.3387

Triad

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



88.0870, -22.2279, -10.6003



78.6210, 34.6968, -68.9506



95.1400, -2.0410, 48.1122

Complementary

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



88.0870, -22.2279, -10.6003



57.9130, 22.2279, 10.6003

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.



97.8960, 11.3903, 33.4172



88.0870, -22.2279, -10.6003



88.3630, 32.8520, -37.1524

Square

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



88.0870, -22.2279, -10.6003



78.5750, 24.3665, -68.9103



97.1080, 23.1178, 5.1673



94.1710, -15.8603, 47.2080

Rectangle

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



88.0870, -22.2279, -10.6003



74.0150, 6.8946, -64.9112



97.1080, 23.1178, 5.1673



95.9700, 2.4798, 44.7533

Sweetspot

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



88.0870, -22.2279, -10.6003



129.3880, -8.5723, -3.8483



76.7890, -16.6580, 22.9870



65.6100, -5.2307, -2.2890



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



88.0870, -22.2279, -10.6003



111.7260, -34.8679, -16.4227



79.1170, -17.8057, -29.0436



49.8320, -1.8892, -0.7297



86.3420, -42.5666, -20.4709



181.8210, -89.6378, -42.8160

Inverse Universe

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



57.9130, 22.2279, 10.6003



64.2740, 34.8679, 16.4227



66.8830, 17.8057, 29.0436



47.1680, 1.8892, 0.7297



28.6580, 42.5666, 20.4709



60.1790, 89.6378, 42.8160

Previews

White Background



This preview shows how the YUV color 88.0870, -22.2279, -10.6003 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 88.0870, -22.2279, -10.6003 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 88.0870, -22.2279, -10.6003

Background



This preview shows how black text looks on a background with the YUV color 88.0870, -22.2279, -10.6003.



This preview shows how white text looks on a background with the YUV color 88.0870, -22.2279,

-10.6003.

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

88.0870, -22.2279, -10.6003

Protanopia

91.8340, -25.0612, 11.5466

Deuteranopia

93.1710, -22.7623, 20.8980



Tritanopia

93.9110, 4.9739, -8.6919

Trichromacy



Original Color

88.0870, -22.2279, -10.6003

Protanomaly

90.4200, -23.8711, 3.1397

Deuteranomaly

91.5070, -22.4350, 9.2024

Tritanomaly

91.6800, -4.7722, -9.3664

Monochromacy



Original Color

88.0870, -22.2279, -10.6003

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.9150, -7.8461, -3.4335

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.0870, -22.2279, -10.6003 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(76, 103, 43)` looks like.

```
.text, #text, p{  
    color:rgb(76, 103, 43)  
}
```

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(76, 103, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 103, 43) }
```

Border

The CSS property to change the border of an element to YUV 88.0870, -22.2279, -10.6003 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(76, 103, 43) }
```


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

```
.border{ border-color:rgb(76, 103, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 103, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 103, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 103, 43);  
box-shadow:4px 4px 4px 4px rgb(76, 103,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 88.0870, -22.2279, -10.6003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 103, 43) }
```

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

```
.background{ background-color: rgb(76, 103,  
43) }
```

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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