

Converting Colors

YUV(202.5360, -22.9422,
31.9789)

Have a look what the booklet for
YUV(202.5360, -22.9422, 31.9789)
contains.

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Color

**YUV(202.5360, -22.9422,
31.9789)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC19C
RGB	239, 193, 156
RGB Percent	94%, 76%, 61%
CMY	0.0627, 0.2431, 0.3882
CMYK	0.00, 0.19, 0.35, 0.06
HSL	27°, 72%, 77%
HSV	27°, 35%, 94%
XYZ	60.6673, 58.8910, 39.6221
YIQ	202.5360, 39.2930, -1.7550

Conversions

Conversions Part 2

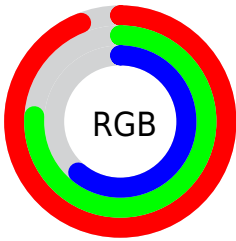
Format	Color
R _Y B	239, 223, 156
Decimal	15712668
CIE Lab	81.23, 11.40, 24.85
CIE LCh	81, 27.344, 65.359
Yxy	58.8910, 0.3811, 0.3700
Android (android.graphics.Color)	4293902748 (0xFFEFC19C)
YUV	202.5360, -22.9422, 31.9789
Hunter-Lab	76.7404, 6.8178, 23.1061

Details

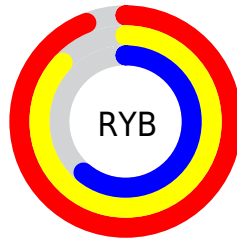
The YUV color $202.5360, -22.9422, 31.9789$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $192.4640, 22.9422, -31.9789$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.4620, -17.4828, 7.4878$, and $147.8670, -21.6264, 29.9346$ is the 20% darker color. If you saturate the color by 10%, you get $192.1690, -29.6633, 41.0708$, and if you desaturate by 10%, it is $212.9030, -16.2212, 22.8871$.

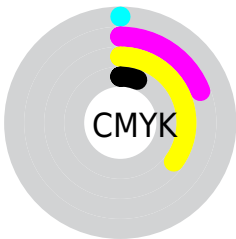
Distribution



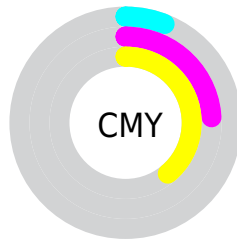
- Red (94%)
- Green (76%)
- Blue (61%)



- Red (94%)
- Yellow (87%)
- Blue (61%)



- Cyan (0%)
- Magenta (19%)
- Yellow (35%)
- Black (6%)



- Cyan (6%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.5360, -22.9422, 31.9789 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 202.5360, -22.9422, 31.9789 by changing the saturation by 10% instead.

202.5360,
-22.9422, 31.9789

202.5360,
-22.9422, 31.9789

255.0000, 0.0000,
0.0000

175.0520,
-22.2106, 30.6494

246.4620,
-17.4828, 7.4878

147.8670,
-21.6264, 29.9346

253.1760, -6.9888,
1.5996

122.0840,
-20.7474, 27.9903

96.7140, -19.5790,
26.5608

72.6320, -18.5526,
24.0017

49.7350, -18.1104,
22.1574

28.7500, -14.1738,

19.5132

■ 8.0730, -3.9800,
16.5990

■ 0.0000, 0.0000,
0.0000

■ 202.5360,
-22.9422, 31.9789

■ 202.5360,
-22.9422, 31.9789

■ 192.1690,
-29.6633, 41.0708

■ 212.9030,
-16.2212, 22.8871

■ 181.8020,
-36.3844, 50.1626

■ 223.2700, -9.5001,
13.7952

■ 170.8480,
-42.8161, 59.7693

■ 234.2240, -3.0684,
4.1886

■ 160.4810,
-49.5371, 68.8612

■ 244.5910, 3.6526,
-4.9033

■ 150.2280,
-55.8214, 77.8530

■ 250.2160, 2.3585,
-9.8364

■ 139.8610,
-62.5425, 86.9449

■ 134.2700,
-66.1951, 91.8482

Harmonies

Analogous

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



204.2520, -15.4072, 41.8750



202.5360, -22.9422, 31.9789



200.3720, -24.3404, 13.7058

Triad

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



202.5360, -22.9422, 31.9789



190.6410, 7.5720, -48.7972



205.0820, 19.1866, 6.0671

Complementary

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



202.5360, -22.9422, 31.9789



192.4640, 22.9422, -31.9789

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.



200.8120, 25.2357, -20.8831



202.5360, -22.9422, 31.9789



190.6970, 19.3764, -54.9853

Square

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



202.5360, -22.9422, 31.9789



193.6790, -6.7437, -30.4135



194.5980, 26.3272, -44.3744



206.1790, 8.7858, 28.7840

Rectangle

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



202.5360, -22.9422, 31.9789



198.3810, -21.3868, -0.3341



194.5980, 26.3272, -44.3744



204.0100, 21.6871, -2.6398

Sweetspot

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



202.5360, -22.9422, 31.9789



243.9320, -6.8685, 9.7066



186.1750, 8.2947, 46.3275



120.8930, -4.3842, 6.2328



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



202.5360, -22.9422, 31.9789



208.1690, -29.6633, 41.0708



226.0160, -34.5179, 11.3870



114.5230, -3.2158, 4.8033



103.1500, -50.8529, 70.9055



31.4190, -15.4896, 21.5575

Inverse Universe

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



192.4640, 22.9422, -31.9789



194.8310, 29.6633, -41.0708



168.9840, 34.5179, -11.3870



113.4770, 3.2158, -4.8033



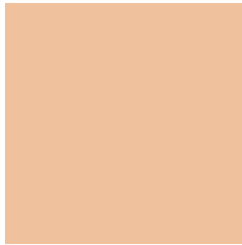
80.8500, 50.8529, -70.9055



24.5810, 15.4896, -21.5575

Previews

White Background



This preview shows how the YUV color 202.5360, -22.9422, 31.9789 looks on a white background.

Color Contrast Check

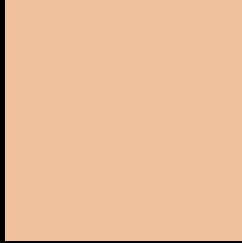
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 202.5360, -22.9422, 31.9789 looks on a black 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

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

YUV 202.5360, -22.9422, 31.9789

Background



This preview shows how black text looks on a background with the YUV color 202.5360, -22.9422, 31.9789.



This preview shows how white text looks on a background with the YUV color 202.5360, -22.9422, 31.9789.

31.9789.

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

202.5360, -22.9422, 31.9789

Protanopia

201.0990, -20.2618, 12.1912

Deuteranopia

202.5250, -22.9368, 30.2346



Tritanopia

205.6390, -2.2870, 33.6426

Trichromacy



Original Color

202.5360, -22.9422, 31.9789

Protanomaly

201.9150, -21.1571, 19.3685

Deuteranomaly

202.8240, -23.0842, 30.8494

Tritanomaly

204.3910, -9.5598, 32.9831

Monochromacy



Original Color

202.5360, -22.9422, 31.9789

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.6010, -8.1843, 11.7509

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.5360, -22.9422, 31.9789 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(239, 193, 156)` looks like.

```
.text, #text, p{  
    color:rgb(239, 193, 156)  
}
```

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(239, 193, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 193, 156) }
```

Border

The CSS property to change the border of an element to YUV 202.5360, -22.9422, 31.9789 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(239, 193, 156) }
```


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

```
.border{ border-color:rgb(239, 193, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 193, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 193, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 193, 156);  
box-shadow:4px 4px 4px 4px rgb(239, 193,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 202.5360, -22.9422, 31.9789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 193, 156) }
```

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

```
.background{ background-color: rgb(239,  
193, 156) }
```

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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