

Converting Colors

YUV(144.3960, -44.0722,
42.6257)

Have a look what the booklet for
YUV(144.3960, -44.0722, 42.6257)
contains.

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Color

**YUV(144.3960, -44.0722,
42.6257)**

Conversions

Conversions Part 1

Format	Color
Hex	C18937
RGB	193, 137, 55
RGB Percent	76%, 54%, 22%
CMY	0.2431, 0.4627, 0.7843
CMYK	0.00, 0.29, 0.72, 0.24
HSL	36°, 56%, 49%
HSV	36°, 72%, 76%
XYZ	31.6276, 29.5046, 7.6424
YIQ	144.3960, 59.6980, -13.6300

Conversions

Conversions Part 2

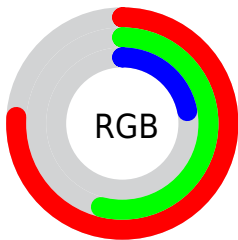
Format	Color
R_{YB}	149, 193, 55
Decimal	12683575
CIE _{Lab}	61.22, 13.62, 50.65
CIE _{LCh}	61, 52.444, 74.951
Yxy	29.5046, 0.4599, 0.4290
Android (android.graphics.Color)	4290873655 (0xFFC18937)
YUV	144.3960, -44.0722, 42.6257
Hunter-Lab	54.3181, 8.8776, 29.6807

Details

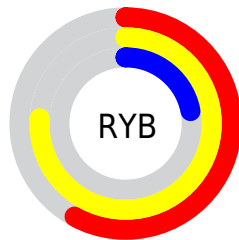
The YUV color **144.3960, -44.0722, 42.6257** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **103.6040, 44.0722, -42.6257**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.2610, -45.9777, 47.1291**, and **91.4340, -45.0770, 38.2074** is the 20% darker color. If you saturate the color by 10%, you get **137.5340, -50.0563, 48.6437**, and if you desaturate by 10%, it is **151.2580, -38.0882, 36.6077**.

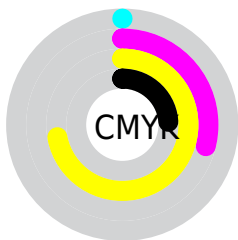
Distribution



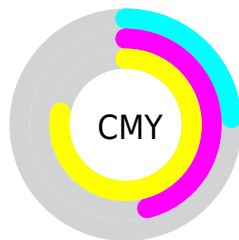
- Red (76%)
- Green (54%)
- Blue (22%)



- Red (58%)
- Yellow (76%)
- Blue (22%)



- Cyan (0%)
- Magenta (29%)
- Yellow (72%)
- Black (24%)



- Cyan (24%)
- Magenta (46%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.3960, -44.0722, 42.6257 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 144.3960, -44.0722, 42.6257 by changing the saturation by 10% instead.

■ 144.3960,
-44.0722, 42.6257

■ 144.3960,
-44.0722, 42.6257

■ 255.0000, 0.0000,
0.0000

■ 118.0860,
-43.9194, 40.2666

■ 199.2610,
-45.9777, 47.1291

■ 91.4340, -45.0770,
38.2074

■ 219.2590,
-43.0187, 31.3449

■ 69.5610, -34.2936,
32.8340

■ 239.3600,
-39.6175, 13.7163

■ 48.2750, -23.7996,
26.9458

■ 247.2480,
-29.7023, 6.7985

■ 28.1740, -13.8898,
21.7724

■ 250.4400,
-17.4719, 3.9991

■ 8.9700, -4.4222,
18.4433

■ 253.7460, -4.8048,

■ 0.0000, 0.0000,

1.0998

0.0000

■ 144.3960,
-44.0722, 42.6257

■ 144.3960,
-44.0722, 42.6257

■ 137.5340,
-50.0563, 48.6437

■ 151.2580,
-38.0882, 36.6077

■ 130.5580,
-56.4771, 54.7616

■ 158.2340,
-31.6674, 30.4898

■ 125.2120,
-61.7295, 59.4501

■ 164.5090,
-25.3939, 24.9866

■ 171.3710,
-19.4099, 18.9686

■ 178.3470,
-12.9891, 12.8507

■ 185.2090, -7.0050,
6.8327

■ 192.0710, -1.0210,
0.8147

■ 198.9330, 4.9630,
-5.2032

■ 205.3220, 11.6733,
-10.8064

Harmonies

Analogous

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



145.8070, -30.4709, 66.8213



144.3960, -44.0722, 42.6257



140.8880, -43.8218, 8.8682

Triad

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



144.3960, -44.0722, 42.6257



119.7570, 24.7698, -105.0269



152.1780, 30.4782, 24.3999

Complementary

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



144.3960, -44.0722, 42.6257



103.6040, 44.0722, -42.6257

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.



144.4250, 45.6395, -31.9447



144.3960, -44.0722, 42.6257



122.7840, 43.9835, -107.6816

Square

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



144.3960, -44.0722, 42.6257



113.1110, 4.3823, -99.1983



120.3510, 57.5080, -105.5478



150.3710, 11.1561, 61.9416

Rectangle

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



144.3960, -44.0722, 42.6257



136.9540, -33.9943, -16.6227



120.3510, 57.5080, -105.5478



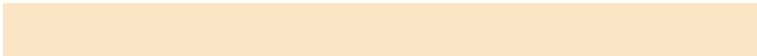
150.8600, 36.0580, 8.0158

Sweetspot

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



144.3960, -44.0722, 42.6257



231.6310, -17.0731, 16.1096



102.7600, 4.5553, 79.1405



113.8350, -9.7787, 9.7917



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.



144.3960, -44.0722, 42.6257



174.4210, -68.7346, 66.2828



173.9790, -58.6566, 7.0344



93.5120, -3.2104, 3.0590



103.9040, -51.2247, 50.0732



21.6070, -10.6523, 9.9917

Inverse Universe

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



103.6040, 44.0722, -42.6257



110.5790, 68.7346, -66.2828



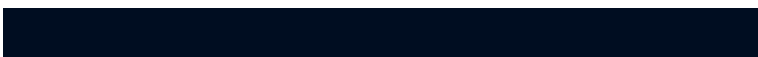
74.3200, 58.5092, -6.4196



90.4880, 3.2104, -3.0590



56.5090, 51.5141, -49.5584



11.3930, 10.6523, -9.9917

Previews

White Background



This preview shows how the YUV color 144.3960, -44.0722, 42.6257 looks on a white 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

Black Background



This preview shows how the YUV color 144.3960, -44.0722, 42.6257 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 × Fail

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

YUV 144.3960, -44.0722, 42.6257

Background



This preview shows how black text looks on a background with the YUV color 144.3960, -44.0722, 42.6257.



This preview shows how white text looks on a background with the YUV color 144.3960, -44.0722, 42.6257.

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

144.3960, -44.0722, 42.6257

Protanopia

142.8230, -41.8177, 19.4492

Deuteranopia

144.2380, -44.4873, 35.7483



Tritanopia

150.0700, -5.9505, 42.0346

Trichromacy



Original Color

144.3960, -44.0722, 42.6257

Protanomaly

143.3510, -42.5710, 27.7562

Deuteranomaly

144.5480, -44.6402, 38.1074

Tritanomaly

147.8130, -19.6278, 42.2600

Monochromacy



Original Color

144.3960, -44.0722, 42.6257

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

143.9730, -15.7627, 15.8097

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.3960, -44.0722, 42.6257 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(193, 137, 55)` looks like.

```
.text, #text, p{  
    color:rgb(193, 137, 55)  
}
```

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(193, 137, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 137, 55) }
```

Border

The CSS property to change the border of an element to YUV 144.3960, -44.0722, 42.6257 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(193, 137, 55) }
```


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

```
.border{ border-color:rgb(193, 137, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 137, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 137, 55); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 137, 55); box-shadow:4px 4px 4px 4px rgb(193, 137, 55) }
```

Background

The CSS property to change the background color of an element to YUV 144.3960, -44.0722, 42.6257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 137, 55) }
```

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

```
.background{ background-color: rgb(193,  
137, 55) }
```

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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