

Converting Colors

YUV(93.4400, -33.7409,
89.0681)

Have a look what the booklet for
YUV(93.4400, -33.7409, 89.0681)
contains.

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Color

**YUV(93.4400, -33.7409,
89.0681)**

Conversions

Conversions Part 1

Format	Color
Hex	C33719
RGB	195, 55, 25
RGB Percent	76%, 22%, 10%
CMY	0.2353, 0.7843, 0.9020
CMYK	0.00, 0.72, 0.87, 0.24
HSL	11°, 77%, 43%
HSV	11°, 87%, 76%
XYZ	24.0473, 14.4047, 2.4326
YIQ	93.4400, 93.0700, 20.3500

Conversions

Conversions Part 2

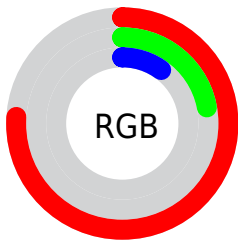
Format	Color
R_{YB}	195, 61, 25
Decimal	12793625
CIE _{Lab}	44.81, 54.13, 48.51
CIE _{LCh}	45, 72.691, 41.864
Yxy	14.4047, 0.5882, 0.3523
Android (android.graphics.Color)	4290983705 (0xFFC33719)
YUV	93.4400, -33.7409, 89.0681
Hunter-Lab	37.9535, 46.6791, 22.7672

Details

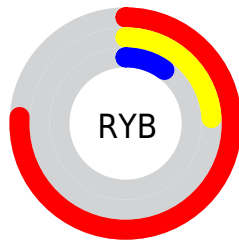
The YUV color **93.4400, -33.7409, 89.0681** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **126.5600, 33.7409, -89.0681**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.7240, -37.8249, 92.3271**, and **39.7670, -19.6051, 81.7653** is the 20% darker color. If you saturate the color by 10%, you get **81.8820, -37.4098, 99.2045**, and if you desaturate by 10%, it is **104.9980, -30.0720, 78.9318**.

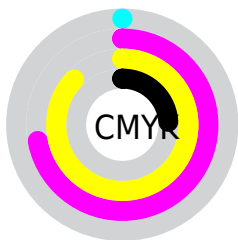
Distribution



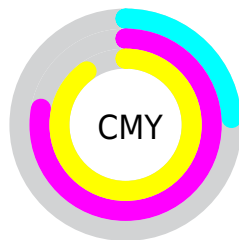
- Red (76%)
- Green (22%)
- Blue (10%)



- Red (76%)
- Yellow (24%)
- Blue (10%)



- Cyan (0%)
- Magenta (72%)
- Yellow (87%)
- Black (24%)



- Cyan (24%)
- Magenta (78%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.4400, -33.7409, 89.0681 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 93.4400, -33.7409, 89.0681 by changing the saturation by 10% instead.

■ 93.4400, -33.7409,
89.0681

■ 93.4400, -33.7409,
89.0681

255.0000, 0.0000,
0.0000

■ 61.9500, -30.5414,
89.4978

■ 149.7240,
-37.8249, 92.3271

■ 39.7670, -19.6051,
81.7653

■ 168.4230,
-34.7185, 75.9280

■ 30.4980, -15.0355,
62.7073

■ 187.7090,
-31.9015, 59.0142

■ 21.6420, -10.1765,
44.1640

■ 207.6960,
-28.9371, 41.4856

■ 13.2700, -6.0491,
26.9502

■ 227.7970,
-25.5359, 23.8570

■ 0.0000, 0.0000,
0.0000

■ 248.0120,

-21.6979, 6.1285

252.4920, -9.6096,
2.1995

93.4400, -33.7409,
89.0681

93.4400, -33.7409,
89.0681

81.8820, -37.4098,
99.2045

104.9980,
-30.0720, 78.9318

78.2630, -38.5837,
102.3783

116.6700,
-25.9663, 68.6954

128.2280,
-22.2974, 58.5590

139.9000,
-18.1917, 48.3227

151.4580,
-14.5228, 38.1863

■ 163.1300,
-10.4171, 27.9500

■ 174.6880, -6.7482,
17.8136

■ 186.3600, -2.6425,
7.5773

■ 198.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



76.0020, 4.4360, 117.5162



93.4400, -33.7409, 89.0681



99.7840, -49.1935, 51.9324

Triad

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



93.4400, -33.7409, 89.0681



83.1330, -8.9396, -72.9076



87.9860, 68.0409, -77.1637

Complementary

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



93.4400, -33.7409, 89.0681



126.5600, 33.7409, -89.0681

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.



97.5090, 61.3741, -85.5154



93.4400, -33.7409, 89.0681



91.6030, 18.4367, -80.3358

Square

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



93.4400, -33.7409, 89.0681



79.6760, -39.2803, -47.9509



97.5140, 43.6236, -85.5198



107.7340, 44.0081, 24.7893

Rectangle

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



93.4400, -33.7409, 89.0681



99.3090, -48.9593, 23.4080



97.5140, 43.6236, -85.5198



92.4370, 67.3256, -81.0672

Sweetspot

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



93.4400, -33.7409, 89.0681



212.8920, -12.7648, 34.2977



92.0180, 36.9661, 90.3152



104.0690, -7.9220, 20.9875



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.



93.4400, -33.7409, 89.0681



101.7630, -50.1692, 131.7578



142.1610, -57.7604, 46.3398



91.1640, -2.0529, 5.1182



64.5750, -31.8355, 84.5647



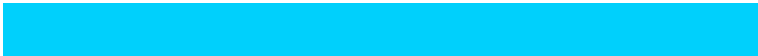
13.3890, -6.6008, 17.1988

Inverse Universe

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



126.5600, 33.7409, -89.0681



150.8240, 49.8798, -132.2726



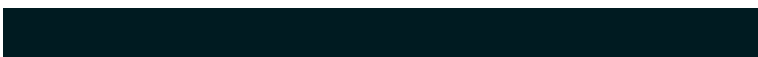
77.8390, 57.7604, -46.3398



92.8360, 2.0529, -5.1182



95.8380, 32.1249, -84.0499



19.6110, 6.6008, -17.1988

Previews

White Background



This preview shows how the YUV color 93.4400, -33.7409, 89.0681 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 93.4400, -33.7409, 89.0681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

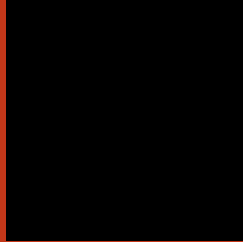
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.4400, -33.7409, 89.0681

Background



This preview shows how black text looks on a background with the YUV color 93.4400, -33.7409, 89.0681.



This preview shows how white text looks on a background with the YUV color 93.4400, -33.7409,

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

93.4400, -33.7409, 89.0681

Protanopia

102.7220, -31.9079, 14.2758

Deuteranopia

99.6520, -49.1284, 31.0002



Tritanopia

95.2840, -20.3530, 88.3279

Trichromacy



Original Color

93.4400, -33.7409, 89.0681

Protanomaly

99.3710, -32.7209, 41.7706

Deuteranomaly

97.2770, -43.5206, 52.3771

Tritanomaly

94.6170, -25.4472, 88.9129

Monochromacy



Original Color

93.4400, -33.7409, 89.0681

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9950, -12.3225, 32.4534

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.4400, -33.7409, 89.0681 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(195, 55, 25)` looks like.

```
.text, #text, p{  
    color:rgb(195, 55, 25)  
}
```

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(195, 55, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 55, 25) }
```

Border

The CSS property to change the border of an element to YUV 93.4400, -33.7409, 89.0681 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(195, 55, 25) }
```


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

```
.border{ border-color:rgb(195, 55, 25) }
```

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

Here you see how a box with a 4 pixel rgb(195, 55, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 55, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 55, 25);  
box-shadow:4px 4px 4px 4px rgb(195, 55,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 93.4400, -33.7409, 89.0681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 55, 25) }
```

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

```
.background{ background-color: rgb(195, 55,  
25) }
```

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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