

Converting Colors

YUV(100.7820, -39.3325,
62.4582)

Have a look what the booklet for
YUV(100.7820, -39.3325, 62.4582)
contains.

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Color

**YUV(100.7820, -39.3325,
62.4582)**

Conversions

Conversions Part 1

Format	Color
Hex	AC5015
RGB	172, 80, 21
RGB Percent	67%, 31%, 8%
CMY	0.3255, 0.6863, 0.9176
CMYK	0.00, 0.53, 0.88, 0.33
HSL	23°, 78%, 38%
HSV	23°, 88%, 67%
XYZ	20.0173, 14.5621, 2.4652
YIQ	100.7820, 73.7710, 1.1550

Conversions

Conversions Part 2

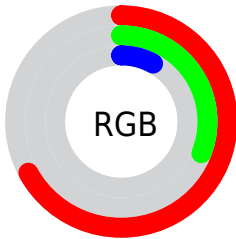
Format	Color
R_{YB}	172, 118, 21
Decimal	11292693
CIE _{Lab}	45.03, 34.43, 48.64
CIE _{LCh}	45, 59.592, 54.711
Yxy	14.5621, 0.5404, 0.3931
Android (android.graphics.Color)	4289482773 (0xFFAC5015)
YUV	100.7820, -39.3325, 62.4582
Hunter-Lab	38.1603, 26.8528, 22.8820

Details

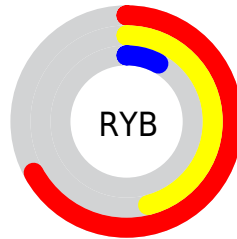
The YUV color **100.7820, -39.3325, 62.4582** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **92.2180, 39.3325, -62.4582**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.6580, -41.2434, 68.7059**, and **51.9840, -25.6281, 53.5110** is the 20% darker color. If you saturate the color by 10%, you get **92.9740, -43.8642, 69.3058**, and if you desaturate by 10%, it is **108.5900, -34.8009, 55.6106**.

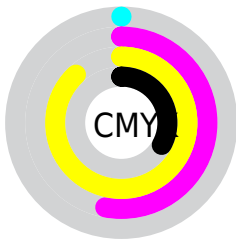
Distribution



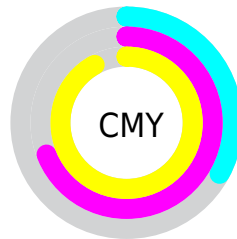
- Red (67%)
- Green (31%)
- Blue (8%)



- Red (67%)
- Yellow (46%)
- Blue (8%)



- Cyan (0%)
- Magenta (53%)
- Yellow (88%)
- Black (33%)



- Cyan (33%)
- Magenta (69%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.7820, -39.3325, 62.4582 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 100.7820, -39.3325, 62.4582 by changing the saturation by 10% instead.

■ 100.7820,
-39.3325, 62.4582

■ 100.7820,
-39.3325, 62.4582

255.0000, 0.0000,
0.0000

■ 74.7430, -36.8483,
58.9844

■ 154.6580,
-41.2434, 68.7059

■ 51.9840, -25.6281,
53.5110

■ 179.9350,
-41.3800, 65.8320

■ 26.8770, -13.2504,
50.0969

■ 198.7480,
-37.8368, 49.3330

■ 16.7440, -8.2548,
34.4275

■ 218.1480,
-34.5830, 32.3192

■ 7.8880, -3.3958,
15.8842

■ 238.2490,
-31.1818, 14.6906

■ 0.0000, 0.0000,
0.0000

■ 249.0720,

-22.7135, 5.1989

■ 252.3780,
-10.0464, 2.2995

■ 100.7820,
-39.3325, 62.4582

■ 100.7820,
-39.3325, 62.4582

■ 92.9740, -43.8642,
69.3058

■ 108.5900,
-34.8009, 55.6106

■ 90.7570, -44.7432,
71.2501

■ 116.9850,
-30.5586, 48.2482

■ 124.9070,
-25.5902, 41.3006

■ 133.3020,
-21.3479, 33.9381

■ 141.1100,
-16.8162, 27.0905

■ 149.5050,
-12.5740, 19.7281

■ 157.3130, -8.0423,
12.8805

■ 165.8220, -3.3632,
5.4181

■ 173.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



98.6190, -15.0952, 81.8951



100.7820, -39.3325, 62.4582



99.9510, -49.2758, 31.6150

Triad

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



100.7820, -39.3325, 62.4582



86.0800, 4.8906, -75.4922



104.9260, 45.8855, -17.4751

Complementary

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



100.7820, -39.3325, 62.4582



92.2180, 39.3325, -62.4582

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.



90.9890, 56.7004, -79.7974



100.7820, -39.3325, 62.4582



92.4810, 26.8779, -81.1058

Square

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



100.7820, -39.3325, 62.4582



77.8040, -16.6654, -68.2341



94.6930, 45.5074, -83.0458



108.0170, 28.0926, 42.9581

Rectangle

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



100.7820, -39.3325, 62.4582



97.4380, -48.0369, 7.5089



94.6930, 45.5074, -83.0458



93.5730, 54.4405, -54.8765

Sweetspot

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



100.7820, -39.3325, 62.4582



196.8430, -15.2056, 23.8167



76.7510, 18.3638, 83.5334



95.6830, -9.2107, 14.3100



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



100.7820, -39.3325, 62.4582



118.6320, -58.4856, 92.4077



144.2200, -60.7475, 24.3631



82.4520, -2.1948, 3.9886



79.4830, -39.1851, 61.8434



12.1600, -5.9949, 9.5067

Inverse Universe

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



92.2180, 39.3325, -62.4582



105.9550, 58.1962, -92.9225



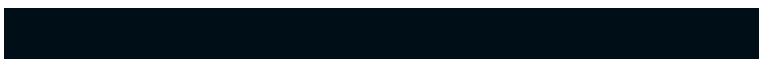
48.7800, 60.7475, -24.3631



81.9610, 2.4842, -3.4738



71.1040, 38.8957, -62.3582



10.8400, 5.9949, -9.5067

Previews

White Background



This preview shows how the YUV color 100.7820, -39.3325, 62.4582 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 100.7820, -39.3325, 62.4582 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 100.7820, -39.3325, 62.4582

Background



This preview shows how black text looks on a background with the YUV color 100.7820, -39.3325, 62.4582.



This preview shows how white text looks on a background with the YUV color 100.7820, -39.3325,

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

100.7820, -39.3325, 62.4582

Protanopia

101.8810, -36.4233, 15.8904

Deuteranopia

100.5380, -49.5652, 31.1002



Tritanopia

105.1710, -12.4093, 60.3630

Trichromacy



Original Color

100.7820, -39.3325, 62.4582

Protanomaly

101.3500, -37.6405, 33.0191

Deuteranomaly

100.6410, -45.6720, 42.4108

Tritanomaly

103.6520, -22.0134, 60.8182

Monochromacy



Original Color

100.7820, -39.3325, 62.4582

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.7720, -14.1846, 23.0020

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.7820, -39.3325, 62.4582 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(172, 80, 21)` looks like.

```
.text, #text, p{  
    color:rgb(172, 80, 21)  
}
```

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(172, 80, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 80, 21) }
```

Border

The CSS property to change the border of an element to YUV 100.7820, -39.3325, 62.4582 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(172, 80, 21) }
```


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

```
.border{ border-color:rgb(172, 80, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 80, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 80, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 80, 21);  
box-shadow:4px 4px 4px 4px rgb(172, 80,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 100.7820, -39.3325, 62.4582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 80, 21) }
```

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

```
.background{ background-color: rgb(172, 80,  
21) }
```

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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