

Converting Colors

YUV(77.3900, 31.8527,
-43.3150)

Have a look what the booklet for
YUV(77.3900, 31.8527, -43.3150)
contains.

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Color

**YUV(77.3900, 31.8527,
-43.3150)**

Conversions

Conversions Part 1

Format	Color
Hex	1C5A8E
RGB	28, 90, 142
RGB Percent	11%, 35%, 56%
CMY	0.8902, 0.6471, 0.4431
CMYK	0.80, 0.37, 0.00, 0.44
HSL	207°, 67%, 33%
HSV	207°, 80%, 56%
XYZ	9.0175, 9.5122, 26.9519
YIQ	77.3900, -53.6440, 3.0280

Conversions

Conversions Part 2

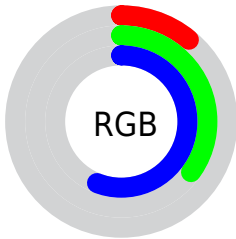
Format	Color
R_{YB}	28, 68, 142
Decimal	1858190
CIE _{Lab}	36.95, -0.20, -34.28
CIE _{LCh}	37, 34.279, 269.669
Yxy	9.5122, 0.1983, 0.2091
Android (android.graphics.Color)	4280048270 (0xFF1C5A8E)
YUV	77.3900, 31.8527, -43.3150
Hunter-Lab	30.8419, -1.7834, -30.2228




Details

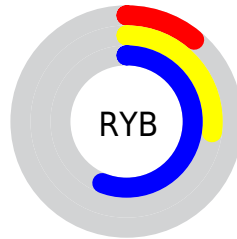
The YUV color **77.3900, 31.8527, -43.3150** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **92.6100, -31.8527, 43.3150**, and the grayscale version is **77.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **131.7330, 31.6836, -35.7228**, and **36.7890, 26.7260, -32.2640** is the 20% darker color. If you saturate the color by 10%, you get **69.6820, 35.6528, -48.8331**, and if you desaturate by 10%, it is **85.0980, 28.0527, -37.7969**.

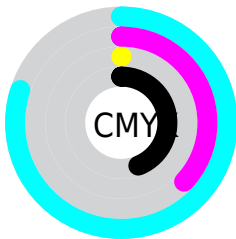
Distribution







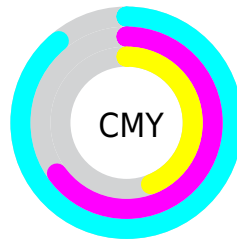
-  Red (11%)
-  Green (35%)
-  Blue (56%)






-  Red (11%)
-  Yellow (27%)
-  Blue (56%)



-  Cyan (80%)
-  Magenta (37%)
-  Yellow (0%)
-  Black (44%)



-  Cyan (89%)
-  Magenta (65%)
-  Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.3900, 31.8527, -43.3150 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 77.3900, 31.8527, -43.3150 by changing the saturation by 10% instead.

■ 77.3900, 31.8527,
-43.3150

■ 77.3900, 31.8527,
-43.3150

■ 255.0000, 0.0000,
0.0000

■ 52.5530, 31.2794,
-46.0890

■ 131.7330, 31.6836,
-35.7228

■ 36.7890, 26.7260,
-32.2640

■ 158.5590, 32.2624,
-34.6932

■ 22.3130, 22.0307,
-19.5685

■ 186.0860, 32.9886,
-34.2784

■ 6.8910, 18.7877,
-6.0434

■ 211.1220, 21.6319,
-31.6790

■ 3.2090, 9.7570,
-2.8143

■ 236.2290, 9.2541,
-28.2648

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,

-12.9103

■ 77.3900, 31.8527,
-43.3150

■ 77.3900, 31.8527,
-43.3150

■ 69.6820, 35.6528,
-48.8331

■ 85.0980, 28.0527,
-37.7969

■ 61.3870, 39.7422,
-53.8364

■ 93.3930, 23.9633,
-32.7937

■ 101.4000, 20.0158,
-26.6608

■ 109.6950, 15.9264,
-21.6575

■ 117.4030, 12.1263,
-16.1394

■ 125.6980, 8.0369,
-11.1361

■ 133.4060, 4.2368,
-5.6181

■ 142.0000, 0.0000,
0.0000

■ 149.7080, -3.8000,
5.5181

Harmonies

Analogous

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



72.2150, 30.4600, -63.3326



77.3900, 31.8527, -43.3150



88.6620, 22.8446, -0.5806

Triad

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



77.3900, 31.8527, -43.3150



86.6590, -12.6499, 44.1491



75.5000, -8.6275, -32.8875

Complementary

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



77.3900, 31.8527, -43.3150



92.6100, -31.8527, 43.3150

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.



81.2340, -21.8074, -5.4672



77.3900, 31.8527, -43.3150



85.5470, -22.9477, 33.7233

Square

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



77.3900, 31.8527, -43.3150



87.6770, 0.1592, 42.3793



83.9980, -27.1140, 16.6648



69.0910, 8.3361, -60.5928

Rectangle

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



77.3900, 31.8527, -43.3150



89.4750, 16.5278, 18.8774



83.9980, -27.1140, 16.6648



78.1870, -13.8962, -22.9660

Sweetspot

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



77.3900, 31.8527, -43.3150



159.1040, 12.2737, -16.7542



100.7320, -10.7139, -63.7860



76.8830, 7.4527, -10.4214



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



77.3900, 31.8527, -43.3150



83.5300, 49.5317, -67.1168



44.5180, 48.0586, -14.4863



67.1460, 1.9000, -2.7590



58.8280, 37.5528, -51.5922



3.2600, 2.3368, -2.8590

Inverse Universe

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



69.1540, 10.2771, 63.8859



70.8670, 15.8416, 99.2176



125.4820, -48.0586, 14.4863



66.5490, 0.7153, 3.9035



48.8010, 12.4231, 75.5965



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 77.3900, 31.8527, -43.3150 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 ✓ Pass

Black Background



This preview shows how the YUV color 77.3900, 31.8527, -43.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

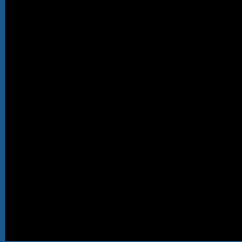
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.3900, 31.8527, -43.3150

Background



This preview shows how black text looks on a background with the YUV color 77.3900, 31.8527, -43.3150.



This preview shows how white text looks on a background with the YUV color 77.3900, 31.8527,

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

77.3900, 31.8527, -43.3150

Protanopia

85.5460, 25.3668, -16.2648

Deuteranopia

82.6200, 29.7673, -27.7307



Tritanopia

68.2080, 17.6455, -59.8184

Trichromacy



Original Color

77.3900, 31.8527, -43.3150

Protanomaly

82.7620, 27.7253, -26.1013

Deuteranomaly

80.8150, 30.6572, -33.1638

Tritanomaly

71.6200, 22.8653, -54.0407

Monochromacy



Original Color

77.3900, 31.8527, -43.3150

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.2890, 11.6895, -16.0395

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.3900, 31.8527, -43.3150 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(28, 90, 142)` looks like.

```
.text, #text, p{  
    color:rgb(28, 90, 142)  
}
```

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(28, 90, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 90, 142) }
```

Border

The CSS property to change the border of an element to YUV 77.3900, 31.8527, -43.3150 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(28, 90, 142) }
```


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

```
.border{ border-color:rgb(28, 90, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 90, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 90, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 90, 142);  
box-shadow:4px 4px 4px 4px rgb(28, 90,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 77.3900, 31.8527, -43.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 90, 142) }
```

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

```
.background{ background-color: rgb(28, 90,  
142) }
```

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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