

Converting Colors

YUV(90.2200, 19.6115,
-37.0269)

Have a look what the booklet for
YUV(90.2200, 19.6115, -37.0269)
contains.

YUV(90.2200, 19.6115, -37.0269)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(90.2200, 19.6115,
-37.0269)**

Conversions

Conversions Part 1

Format	Color
Hex	306882
RGB	48, 104, 130
RGB Percent	19%, 41%, 51%
CMY	0.8118, 0.5922, 0.4902
CMYK	0.63, 0.20, 0.00, 0.49
HSL	199°, 46%, 35%
HSV	199°, 63%, 51%
XYZ	10.1985, 12.1407, 22.9250
YIQ	90.2200, -41.7220, -3.7860

Conversions

Conversions Part 2

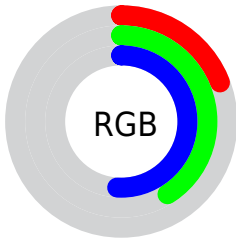
Format	Color
R_{YB}	48, 81, 130
Decimal	3172482
CIE _{Lab}	41.44, -9.99, -19.95
CIE _{LCh}	41, 22.309, 243.406
Yxy	12.1407, 0.2253, 0.2682
Android (android.graphics.Color)	4281362562 (0xFF306882)
YUV	90.2200, 19.6115, -37.0269
Hunter-Lab	34.8435, -8.7302, -14.6188

Details

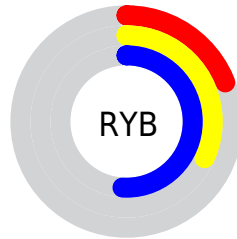
The YUV color **90.2200, 19.6115, -37.0269** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **87.7800, -19.6115, 37.0269**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.3450, 20.0429, -35.3826**, and **42.6930, 18.8854, -37.4418** is the 20% darker color. If you saturate the color by 10%, you get **83.9850, 22.6854, -42.9598**, and if you desaturate by 10%, it is **96.4550, 16.5377, -31.0940**.

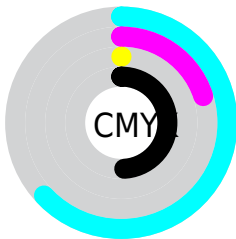
Distribution



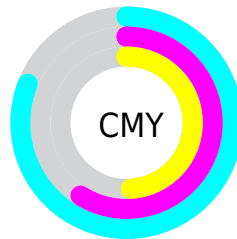
- Red (19%)
- Green (41%)
- Blue (51%)



- Red (19%)
- Yellow (32%)
- Blue (51%)



- Cyan (63%)
- Magenta (20%)
- Yellow (0%)
- Black (49%)



- Cyan (81%)
- Magenta (59%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.2200, 19.6115, -37.0269 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 90.2200, 19.6115, -37.0269 by changing the saturation by 10% instead.

■ 90.2200, 19.6115,
-37.0269

■ 90.2200, 19.6115,
-37.0269

■ 255.0000, 0.0000,
0.0000

■ 63.4150, 20.5014,
-42.4600

■ 142.3450, 20.0429,
-35.3826

■ 42.6930, 18.8854,
-37.4418

■ 169.4590, 20.4797,
-35.4825

■ 27.0430, 14.7688,
-23.7167

■ 197.4590, 20.4797,
-35.4825

■ 11.1480, 12.2520,
-9.7768

■ 224.0910, 15.2381,
-34.2828

■ 1.3680, 5.2416,
-1.1997

■ 242.4420, 6.1911,
-25.8206

■ 0.0000, 0.0000,
0.0000

■ 251.4120, 1.7689,

-7.3773

■ 90.2200, 19.6115,
-37.0269

■ 90.2200, 19.6115,
-37.0269

■ 83.9850, 22.6854,
-42.9598

■ 96.4550, 16.5377,
-31.0940

■ 77.7500, 25.7592,
-48.8927

■ 102.6900, 13.4638,
-25.1611

■ 71.5150, 28.8331,
-54.8257

■ 108.9250, 10.3900,
-19.2282

■ 67.0630, 31.0279,
-58.8143

■ 115.1600, 7.3161,
-13.2953

■ 121.9820, 3.9529,
-7.8772

■ 128.2170, 0.8790,
-1.9443

■ 134.4520, -2.1948,
3.9886

■ 140.6870, -5.2687,
9.9215

■ 146.9220, -8.3425,
15.8544

Harmonies

Analogous

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



86.0140, 15.2761, -46.4933



90.2200, 19.6115, -37.0269



96.1130, 18.6783, -17.6391

Triad

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



90.2200, 19.6115, -37.0269



100.0190, -1.9814, 28.9243



94.7100, -13.6610, -5.0077

Complementary

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



90.2200, 19.6115, -37.0269



87.7800, -19.6115, 37.0269

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.



96.1850, -17.3462, 10.3618



90.2200, 19.6115, -37.0269



99.1410, -10.4225, 29.6943

Square

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



90.2200, 19.6115, -37.0269



100.2550, 6.7763, 19.9474



97.9030, -16.2212, 22.8871



91.4890, -5.1711, -21.4769

Rectangle

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



90.2200, 19.6115, -37.0269



98.2180, 16.1615, -3.6992



97.9030, -16.2212, 22.8871



94.9880, -15.2771, 0.0105

Sweetspot

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



90.2200, 19.6115, -37.0269



152.5620, 7.6109, -14.5249



99.0980, -12.3733, -44.8129



74.7970, 4.5371, -8.5920



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



90.2200, 19.6115, -37.0269



106.2480, 30.4437, -58.0995



66.1530, 31.4766, -15.9202



60.7330, 1.6106, -3.2738



65.6610, 30.7331, -57.5847



0.0000, 0.0000, 0.0000

Inverse Universe

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



78.9020, 12.3733, 44.8129



88.3040, 19.5701, 69.8934



111.8470, -31.4766, 15.9202



59.6630, 1.1521, 3.8035



48.1900, 19.1333, 69.9934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 90.2200, 19.6115, -37.0269 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 90.2200, 19.6115, -37.0269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

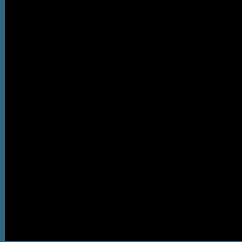
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.2200, 19.6115, -37.0269

Background



This preview shows how black text looks on a background with the YUV color 90.2200, 19.6115, -37.0269.



This preview shows how white text looks on a background with the YUV color 90.2200, 19.6115,

-37.0269.

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

90.2200, 19.6115, -37.0269

Protanopia

97.3980, 13.1148, -6.4880

Deuteranopia

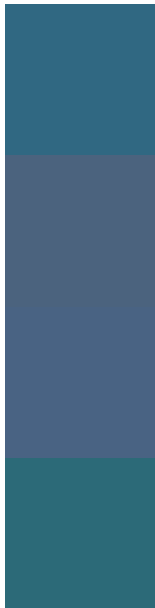
97.4130, 17.0514, -9.1322



Tritanopia

88.1780, 13.2232, -41.3751

Trichromacy



Original Color

90.2200, 19.6115, -37.0269

Protanomaly

94.9020, 15.3313, -17.4541

Deuteranomaly

94.8740, 17.8101, -19.1835

Tritanomaly

89.0580, 15.2544, -39.5159

Monochromacy



Original Color

90.2200, 19.6115, -37.0269

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1600, 7.3161, -13.2953

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.2200, 19.6115, -37.0269 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(48, 104, 130)` looks like.

```
.text, #text, p{  
    color:rgb(48, 104, 130)  
}
```

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(48, 104, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 104, 130) }
```

Border

The CSS property to change the border of an element to YUV 90.2200, 19.6115, -37.0269 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(48, 104, 130) }
```


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

```
.border{ border-color:rgb(48, 104, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 104, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 104, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 104, 130);  
box-shadow:4px 4px 4px 4px rgb(48, 104,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 90.2200, 19.6115, -37.0269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 104, 130) }
```

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

```
.background{ background-color: rgb(48, 104,  
130) }
```

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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