

Converting Colors

YUV(29.8110, 30.1662,
-15.6202)

Have a look what the booklet for
YUV(29.8110, 30.1662, -15.6202)
contains.

YUV(29.8110, 30.1662, -15.6202)	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(29.8110, 30.1662,
-15.6202)**

Conversions

Conversions Part 1

Format	Color
Hex	0C1B5B
RGB	12, 27, 91
RGB Percent	5%, 11%, 36%
CMY	0.9529, 0.8941, 0.6431
CMYK	0.87, 0.70, 0.00, 0.64
HSL	229°, 77%, 20%
HSV	229°, 87%, 36%
XYZ	2.4319, 1.6174, 10.0815
YIQ	29.8110, -29.4840, 16.7240

Conversions

Conversions Part 2

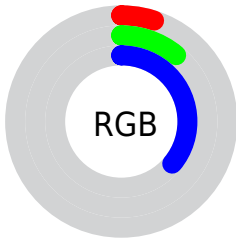
Format	Color
R_{YB}	12, 25, 91
Decimal	793435
CIE _{Lab}	13.34, 20.89, -39.90
CIE _{LCh}	13, 45.038, 297.632
Yxy	1.6174, 0.1721, 0.1145
Android (android.graphics.Color)	4278983515 (0xFF0C1B5B)
YUV	29.8110, 30.1662, -15.6202
Hunter-Lab	12.7175, 11.8775, -38.0985

Details

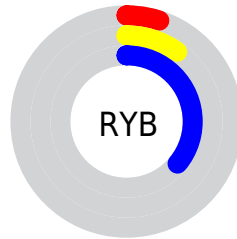
The YUV color **29.8110, 30.1662, -15.6202** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **73.1890, -30.1662, 15.6202**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.5070, 31.3020, -6.5836**, and **6.7770, 18.3509, -5.9434** is the 20% darker color. If you saturate the color by 10%, you get **23.0110, 33.5186, -17.5496**, and if you desaturate by 10%, it is **36.6110, 26.8138, -13.6908**.

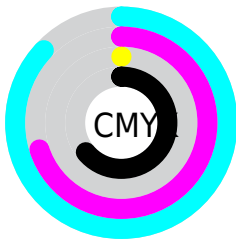
Distribution



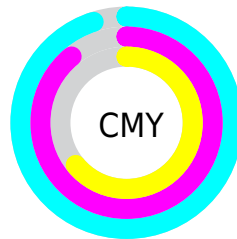
- Red (5%)
- Green (11%)
- Blue (36%)



- Red (5%)
- Yellow (10%)
- Blue (36%)



- Cyan (87%)
- Magenta (70%)
- Yellow (0%)
- Black (64%)



- Cyan (95%)
- Magenta (89%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.8110, 30.1662, -15.6202 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 29.8110, 30.1662, -15.6202 by changing the saturation by 10% instead.

■ 29.8110, 30.1662,
-15.6202

■ 29.8110, 30.1662,
-15.6202

■ 255.0000, 0.0000,
0.0000

■ 9.3990, 28.3973,
-8.2429

■ 78.5070, 31.3020,
-6.5836

■ 6.7770, 18.3509,
-5.9434

■ 103.4470, 32.3176,
-5.6540

■ 3.0950, 9.3202,
-2.7143

■ 128.6860, 33.1858,
-4.1096

■ 0.0000, 0.0000,
0.0000

■ 155.2130, 33.9120,
-3.6948

■ 182.7400, 34.6382,
-3.2800

■ 207.1890, 23.5708,

-0.1658

■ 232.2960, 11.1931,
3.2484

■ 29.8110, 30.1662,
-15.6202

■ 29.8110, 30.1662,
-15.6202

■ 23.0110, 33.5186,
-17.5496

■ 36.6110, 26.8138,
-13.6908

■ 20.3530, 34.8290,
-17.8496

■ 43.9980, 23.1720,
-12.2762

■ 50.7980, 19.8196,
-10.3468

■ 57.5980, 16.4672,
-8.4174

■ 65.2840, 12.6780,
-6.3881

■ 72.0840, 9.3256,
-4.4587

■ 79.4710, 5.6838,
-3.0441

■ 86.2710, 2.3314,
-1.1147

■ 93.0710, -1.0210,
0.8147

Harmonies

Analogous

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



34.6520, 31.2306, -30.3898



29.8110, 30.1662, -15.6202



27.7850, 19.8260, 34.3916

Triad

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



29.8110, 30.1662, -15.6202



30.0230, -14.8013, 34.1828



31.1230, -0.0606, -27.2949

Complementary

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



29.8110, 30.1662, -15.6202



73.1890, -30.1662, 15.6202

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.



26.4150, -13.0226, -23.1660



29.8110, 30.1662, -15.6202



32.5380, -16.0412, 11.8062

Square

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



29.8110, 30.1662, -15.6202



25.2300, -11.9454, 51.5413



27.3670, -13.4919, -12.5999



34.7710, 13.9169, -30.4942

Rectangle

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



29.8110, 30.1662, -15.6202



29.8050, 9.4631, 44.8980



27.3670, -13.4919, -12.5999



29.1680, -5.0128, -25.5803

Sweetspot

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



29.8110, 30.1662, -15.6202



93.9420, 11.3676, -6.0881



65.5550, 4.6564, -46.9677



44.5140, 7.1416, -3.9588



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



29.8110, 30.1662, -15.6202



26.2520, 44.7388, -23.0230



28.1820, 30.9693, 6.8564



42.1570, 1.8946, -1.0147



24.8670, 41.9706, -21.8084



53.4330, 90.4985, -46.8607

Inverse Universe

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



37.3310, -5.0932, 47.0677



37.4910, -7.6371, 69.7294



74.8180, -30.9693, -6.8564



42.6090, -0.3002, 2.9739



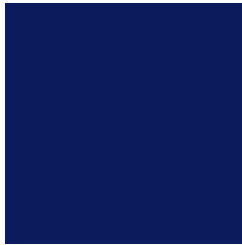
35.2840, -7.0420, 65.5259



75.9930, -15.2795, 141.2031

Previews

White Background



This preview shows how the YUV color 29.8110, 30.1662, -15.6202 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 29.8110, 30.1662, -15.6202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

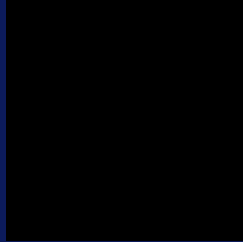
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.8110, 30.1662, -15.6202

Background



This preview shows how black text looks on a background with the YUV color 29.8110, 30.1662, -15.6202.



This preview shows how white text looks on a background with the YUV color 29.8110, 30.1662, -15.6202.

-15.6202.

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

29.8110, 30.1662, -15.6202

Protanopia

28.1660, 21.6102, -24.7016

Deuteranopia

28.0860, 16.2266, -24.6314



Tritanopia

27.5670, 6.6225, -24.1763

Trichromacy



Original Color

29.8110, 30.1662, -15.6202

Protanomaly

28.3990, 24.9463, -21.3979

Deuteranomaly

28.7750, 21.3099, -21.7277

Tritanomaly

28.4670, 15.0528, -21.4576

Monochromacy



Original Color

29.8110, 30.1662, -15.6202

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.8280, 10.9308, -5.9882

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.8110, 30.1662, -15.6202 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(12, 27, 91)` looks like.

```
.text, #text, p{  
    color:rgb(12, 27, 91)  
}
```

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(12, 27, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 27, 91) }
```

Border

The CSS property to change the border of an element to YUV 29.8110, 30.1662, -15.6202 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(12, 27, 91) }
```


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

```
.border{ border-color:rgb(12, 27, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 27, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 27, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 27, 91);  
box-shadow:4px 4px 4px 4px rgb(12, 27, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.8110, 30.1662, -15.6202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 27, 91) }
```

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

```
.background{ background-color: rgb(12, 27,  
91) }
```

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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