

Converting Colors

YUV(60.8110, 30.1662,
-15.6202)

Have a look what the booklet for
YUV(60.8110, 30.1662, -15.6202)
contains.

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Color

**YUV(60.8110, 30.1662,
-15.6202)**

Conversions

Conversions Part 1

Format	Color
Hex	2B3A7A
RGB	43, 58, 122
RGB Percent	17%, 23%, 48%
CMY	0.8314, 0.7725, 0.5216
CMYK	0.65, 0.52, 0.00, 0.52
HSL	229°, 48%, 32%
HSV	229°, 65%, 48%
XYZ	6.0222, 4.9448, 19.0494
YIQ	60.8110, -29.4840, 16.7240

Conversions

Conversions Part 2

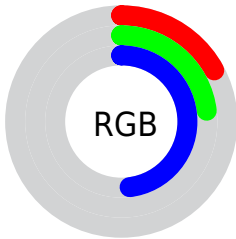
Format	Color
R_{YB}	43, 56, 122
Decimal	2833018
CIE _{Lab}	26.58, 15.81, -38.45
CIE _{LCh}	27, 41.573, 292.351
Yxy	4.9448, 0.2006, 0.1647
Android (android.graphics.Color)	4281023098 (0xFF2B3A7A)
YUV	60.8110, 30.1662, -15.6202
Hunter-Lab	22.2370, 9.4262, -35.2251




Details

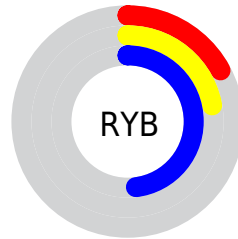
The YUV color **60.8110, 30.1662, -15.6202** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **104.1890, -30.1662, 15.6202**, and the grayscale version is **61.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **110.5880, 31.7551, -11.9167**, and **18.3010, 26.9666, -16.0500** is the 20% darker color. If you saturate the color by 10%, you get **51.3530, 34.8290, -17.8496**, and if you desaturate by 10%, it is **70.2690, 25.5034, -13.3909**.

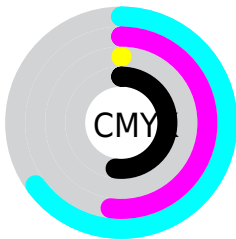
Distribution







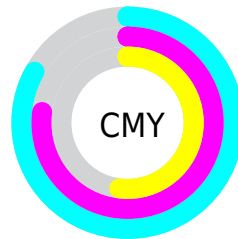
-  Red (17%)
-  Green (23%)
-  Blue (48%)






-  Red (17%)
-  Yellow (22%)
-  Blue (48%)



-  Cyan (65%)
-  Magenta (52%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (83%)
-  Magenta (77%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.8110, 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 60.8110, 30.1662, -15.6202 by changing the saturation by 10% instead.

■ 60.8110, 30.1662,
-15.6202

■ 60.8110, 30.1662,
-15.6202

■ 255.0000, 0.0000,
0.0000

■ 35.1690, 30.4827,
-23.8272

■ 110.5880, 31.7551,
-11.9167

■ 18.3010, 26.9666,
-16.0500

■ 136.5280, 32.7707,
-10.9871

■ 7.3470, 20.5349,
-6.4433

■ 163.0550, 33.4969,
-10.5722

■ 3.7790, 11.9410,
-3.3142

■ 190.0120, 32.0391,
-9.6575

■ 0.0000, 0.0000,
0.0000

■ 214.2330, 20.0981,
-6.3433

■ 239.3400, 7.7204,

-2.9292

■ 60.8110, 30.1662,
-15.6202

■ 60.8110, 30.1662,
-15.6202

■ 51.3530, 34.8290,
-17.8496

■ 70.2690, 25.5034,
-13.3909

■ 41.8950, 39.4918,
-20.0789

■ 79.7270, 20.8406,
-11.1616

■ 32.1380, 44.3020,
-22.9230

■ 89.4840, 16.0304,
-8.3175

■ 27.4090, 46.6334,
-24.0377

■ 98.9420, 11.3676,
-6.0881

■ 107.8130, 6.9942,
-3.3440

■ 117.2710, 2.3314,
-1.1147

■ 126.7290, -2.3314,
1.1147

■ 136.4860, -7.1416,
3.9588

■ 145.9440,
-11.8044, 6.1881

Harmonies

Analogous

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



54.8670, 35.0686, -48.1184



60.8110, 30.1662, -15.6202



64.0890, 18.6901, 25.3549

Triad

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



60.8110, 30.1662, -15.6202



59.3630, -23.8430, 40.9006



51.2410, 0.8672, -44.9384

Complementary

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



60.8110, 30.1662, -15.6202



104.1890, -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.



46.4300, -12.5370, -38.9651



60.8110, 30.1662, -15.6202



59.7490, -29.4563, 21.2681

Square

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



60.8110, 30.1662, -15.6202



57.5660, -8.1670, 53.0006



56.3610, -27.7860, -1.1936



55.0030, 15.2815, -48.2376

Rectangle

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



60.8110, 30.1662, -15.6202



61.1360, 10.7790, 42.8537



56.3610, -27.7860, -1.1936



49.4000, -3.6482, -43.3238

Sweetspot

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



60.8110, 30.1662, -15.6202



134.9420, 11.3676, -6.0881



96.5550, 4.6564, -46.9677



64.8130, 6.9942, -3.3440



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



60.8110, 30.1662, -15.6202



62.5230, 47.0702, -24.1377



59.1820, 30.9693, 6.8564



56.2710, 2.3314, -1.1147



28.3380, 47.6544, -24.8524



56.9040, 96.1823, -49.9048

Inverse Universe

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



68.3310, -5.0932, 47.0677



74.3990, -8.0847, 73.3181



105.8180, -30.9693, -6.8564



56.9080, -0.4476, 3.5887



40.1110, -7.9427, 74.4477



80.8200, -16.1803, 150.1249

Previews

White Background



This preview shows how the YUV color 60.8110, 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 60.8110, 30.1662, -15.6202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

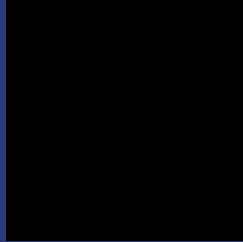
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.8110, 30.1662, -15.6202

Background



This preview shows how black text looks on a background with the YUV color 60.8110, 30.1662, -15.6202.



This preview shows how white text looks on a background with the YUV color 60.8110, 30.1662, -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

60.8110, 30.1662, -15.6202

Protanopia

56.3360, 33.8514, -30.9897

Deuteranopia

50.3360, 30.4004, -44.1447



Tritanopia

52.9290, 10.8810, -36.7717

Trichromacy



Original Color

60.8110, 30.1662, -15.6202

Protanomaly

58.0270, 32.5247, -25.4567

Deuteranomaly

54.4020, 30.3678, -33.6786

Tritanomaly

56.1070, 17.6952, -29.0348

Monochromacy



Original Color

60.8110, 30.1662, -15.6202

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.8280, 10.9308, -5.9882

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.8110, 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(43, 58, 122)` looks like.

```
.text, #text, p{  
    color:rgb(43, 58, 122)  
}
```

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(43, 58, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 58, 122) }
```

Border

The CSS property to change the border of an element to YUV 60.8110, 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(43, 58, 122) }
```


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

```
.border{ border-color:rgb(43, 58, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 58, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 58, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 58, 122);  
box-shadow:4px 4px 4px 4px rgb(43, 58,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 60.8110, 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(43, 58, 122) }
```

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

```
.background{ background-color: rgb(43, 58,  
122) }
```

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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