

Converting Colors

YUV(60.1670, 20.1307,
-16.8095)

Have a look what the booklet for
YUV(60.1670, 20.1307, -16.8095)
contains.

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Color

**YUV(60.1670, 20.1307,
-16.8095)**

Conversions

Conversions Part 1

Format	Color
Hex	293E65
RGB	41, 62, 101
RGB Percent	16%, 24%, 40%
CMY	0.8392, 0.7569, 0.6039
CMYK	0.59, 0.39, 0.00, 0.60
HSL	219°, 42%, 28%
HSV	219°, 59%, 40%
XYZ	4.9860, 4.8563, 12.9865
YIQ	60.1670, -25.0350, 7.6770

Conversions

Conversions Part 2

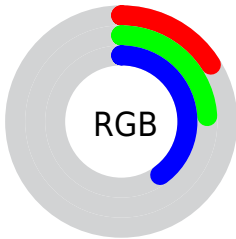
Format	Color
R_{YB}	41, 57, 101
Decimal	2702949
CIE _{Lab}	26.32, 4.75, -25.48
CIE _{LCh}	26, 25.920, 280.567
Y _{xy}	4.8563, 0.2184, 0.2127
Android (android.graphics.Color)	4280893029 (0xFF293E65)
Y_{UV}	60.1670, 20.1307, -16.8095
Hunter-Lab	22.0369, 1.8226, -19.5141

Details

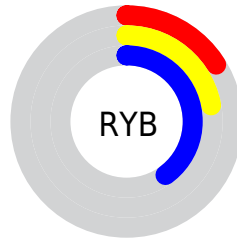
The YUV color **60.1670, 20.1307, -16.8095** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **81.8330, -20.1307, 16.8095**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.5200, 21.4356, -15.3650**, and **17.8960, 17.7993, -15.6948** is the 20% darker color. If you saturate the color by 10%, you get **53.0680, 23.6305, -19.3536**, and if you desaturate by 10%, it is **67.2660, 16.6309, -14.2653**.

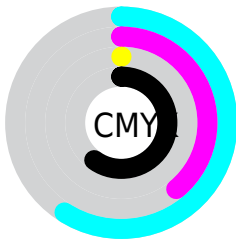
Distribution



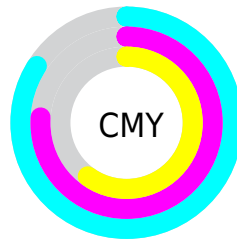
- Red (16%)
- Green (24%)
- Blue (40%)



- Red (16%)
- Yellow (22%)
- Blue (40%)



- Cyan (59%)
- Magenta (39%)
- Yellow (0%)
- Black (60%)



- Cyan (84%)
- Magenta (76%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.1670, 20.1307, -16.8095 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 60.1670, 20.1307, -16.8095 by changing the saturation by 10% instead.

■ 60.1670, 20.1307,
-16.8095

■ 60.1670, 20.1307,
-16.8095

■ 255.0000, 0.0000,
0.0000

■ 36.1450, 20.1415,
-20.2982

■ 108.5200, 21.4356,
-15.3650

■ 17.8960, 17.7993,
-15.6948

■ 134.0470, 22.1618,
-14.9502

■ 4.8220, 13.3988,
-4.2289

■ 161.1610, 22.5986,
-15.0502

■ 0.5700, 2.1840,
-0.4999

■ 188.2750, 23.0354,
-15.1502

■ 0.0000, 0.0000,
0.0000

■ 214.7760, 19.8304,
-13.8356

■ 240.1710, 7.3107,

-11.5510

■ 60.1670, 20.1307,
-16.8095

■ 60.1670, 20.1307,
-16.8095

■ 53.0680, 23.6305,
-19.3536

■ 67.2660, 16.6309,
-14.2653

■ 46.5560, 26.8409,
-22.4126

■ 73.7780, 13.4204,
-11.2063

■ 39.4570, 30.3407,
-24.9568

■ 80.8770, 9.9206,
-8.6621

■ 32.9450, 33.5511,
-28.0158

■ 87.3890, 6.7102,
-5.6032

■ 32.0590, 33.9879,
-28.1157

■ 94.7870, 3.0630,
-2.4442

■ 101.2990, -0.1474,
0.6148

■ 108.3980, -3.6472,
3.1590

■ 115.4970, -7.1470,
5.7031

■ 122.0090,
-10.3574, 8.7621

Harmonies

Analogous

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



51.2020, 23.5644, -44.9042



60.1670, 20.1307, -16.8095



64.0130, 13.7976, 7.8816

Triad

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



60.1670, 20.1307, -16.8095



61.7990, -11.7329, 29.9943



51.3350, -1.6442, -32.7428

Complementary

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



60.1670, 20.1307, -16.8095



81.8330, -20.1307, 16.8095

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.



57.2040, -12.9186, -9.8259



60.1670, 20.1307, -16.8095



61.4250, -17.9575, 19.7983

Square

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



60.1670, 20.1307, -16.8095



62.4000, -3.1552, 32.0982



59.5220, -18.4983, 6.5582



50.1300, 9.3029, -43.9640

Rectangle

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



60.1670, 20.1307, -16.8095



64.1240, 8.8129, 20.0623



59.5220, -18.4983, 6.5582



54.5380, -6.1812, -24.1508

Sweetspot

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



60.1670, 20.1307, -16.8095



114.3180, 7.7312, -6.4179



80.6660, -0.3283, -34.7871



56.5310, 4.6682, -3.9737



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



60.1670, 20.1307, -16.8095



67.2720, 30.9249, -25.6715



50.5310, 24.8812, -0.4657



47.7440, 1.6052, -1.5295



36.5900, 38.6561, -32.0894



77.4830, 81.1069, -67.9526

Inverse Universe

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



61.3340, 0.3283, 34.7871



69.1560, 0.4161, 53.3602



91.4690, -24.8812, 0.4657



47.7230, 0.1366, 2.8739



38.9450, 0.5201, 66.7002



82.0480, 1.4553, 140.2779

Previews

White Background



This preview shows how the YUV color 60.1670, 20.1307, -16.8095 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 60.1670, 20.1307, -16.8095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

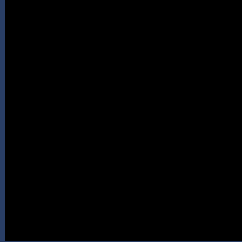
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.1670, 20.1307, -16.8095

Background



This preview shows how black text looks on a background with the YUV color 60.1670, 20.1307, -16.8095.



This preview shows how white text looks on a background with the YUV color 60.1670, 20.1307,

-16.8095.

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

60.1670, 20.1307, -16.8095

Protanopia

61.2600, 19.0988, -12.5060

Deuteranopia

59.5690, 20.4255, -18.0390



Tritanopia

56.9090, 7.9329, -24.4762

Trichromacy



Original Color

60.1670, 20.1307, -16.8095

Protanomaly

60.6620, 19.3936, -13.7356

Deuteranomaly

59.8680, 20.2781, -17.4242

Tritanomaly

58.0710, 12.2900, -21.9873

Monochromacy



Original Color

60.1670, 20.1307, -16.8095

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.2040, 7.2944, -6.3179

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.1670, 20.1307, -16.8095 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(41, 62, 101)` looks like.

```
.text, #text, p{  
    color:rgb(41, 62, 101)  
}
```

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(41, 62, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 62, 101) }
```

Border

The CSS property to change the border of an element to YUV 60.1670, 20.1307, -16.8095 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(41, 62, 101) }
```


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

```
.border{ border-color:rgb(41, 62, 101) }
```

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

Here you see how a box with a 4 pixel rgb(41, 62, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 62, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 62, 101);  
box-shadow:4px 4px 4px 4px rgb(41, 62,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 60.1670, 20.1307, -16.8095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 62, 101) }
```

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

```
.background{ background-color: rgb(41, 62,  
101) }
```

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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