

Converting Colors

YUV(60.7060, 32.6829,
-29.5602)

Have a look what the booklet for
YUV(60.7060, 32.6829, -29.5602)
contains.

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Color

**YUV(60.7060, 32.6829,
-29.5602)**

Conversions

Conversions Part 1

Format	Color
Hex	1B417F
RGB	27, 65, 127
RGB Percent	11%, 25%, 50%
CMY	0.8941, 0.7451, 0.5020
CMYK	0.79, 0.49, 0.00, 0.50
HSL	217°, 65%, 30%
HSV	217°, 79%, 50%
XYZ	6.1731, 5.5459, 20.8238
YIQ	60.7060, -42.5500, 11.2260

Conversions

Conversions Part 2

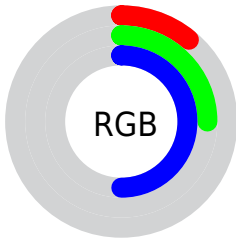
Format	Color
R_{YB}	27, 55, 127
Decimal	1786239
CIE _{Lab}	28.24, 10.31, -38.96
CIE _{LCh}	28, 40.300, 284.818
Yxy	5.5459, 0.1897, 0.1704
Android (android.graphics.Color)	4279976319 (0xFF1B417F)
YUV	60.7060, 32.6829, -29.5602
Hunter-Lab	23.5498, 5.5778, -35.9421

Details

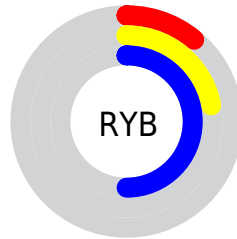
The YUV color **60.7060, 32.6829, -29.5602** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **93.2940, -32.6829, 29.5602**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.2770, 33.3874, -22.1679**, and **22.8660, 26.6881, -20.0535** is the 20% darker color. If you saturate the color by 10%, you get **52.1230, 36.9144, -33.4339**, and if you desaturate by 10%, it is **69.2890, 28.4515, -25.6865**.

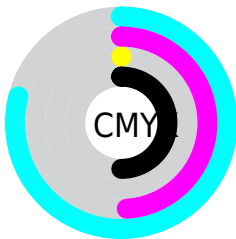
Distribution



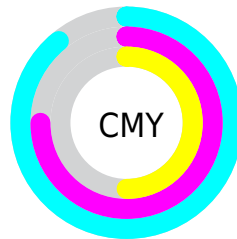
- Red (11%)
- Green (25%)
- Blue (50%)



- Red (11%)
- Yellow (22%)
- Blue (50%)



- Cyan (79%)
- Magenta (49%)
- Yellow (0%)
- Black (50%)



- Cyan (89%)
- Magenta (75%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.7060, 32.6829, -29.5602 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 60.7060, 32.6829, -29.5602 by changing the saturation by 10% instead.

■ 60.7060, 32.6829,
-29.5602

■ 60.7060, 32.6829,
-29.5602

■ 255.0000, 0.0000,
0.0000

■ 36.8690, 32.1096,
-32.3341

■ 112.2770, 33.3874,
-22.1679

■ 22.8660, 26.6881,
-20.0535

■ 138.8040, 34.1136,
-21.7531

■ 7.9170, 22.7189,
-6.9432

■ 165.7440, 35.1292,
-20.8235

■ 4.8220, 13.3988,
-4.2289

■ 192.0170, 31.0506,
-19.3089

■ 0.3420, 1.3104,
-0.2999

■ 216.8250, 18.8203,
-16.5095

■ 0.0000, 0.0000,
0.0000

■ 241.9320, 6.4425,

-13.0954

■ 60.7060, 32.6829,
-29.5602

■ 60.7060, 32.6829,
-29.5602

■ 52.1230, 36.9144,
-33.4339

■ 69.2890, 28.4515,
-25.6865

■ 43.8390, 40.9984,
-36.6928

■ 77.5730, 24.3675,
-22.4275

■ 42.6540, 41.5826,
-37.4076

■ 86.1560, 20.1361,
-18.5538

■ 94.1520, 16.1941,
-14.1653

■ 102.7350, 11.9626,
-10.2916

■ 111.0190, 7.8786,
-7.0327

■ 119.6020, 3.6472,
-3.1590

■ 128.1850, -0.5842,
0.7148

■ 136.4690, -4.6682,
3.9737

Harmonies

Analogous

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



58.5030, 33.7690, -51.3071



60.7060, 32.6829, -29.5602



68.6040, 20.9012, 16.1333

Triad

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



60.7060, 32.6829, -29.5602



63.8240, -19.6332, 44.0044



52.5460, -1.7482, -46.0828

Complementary

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



60.7060, 32.6829, -29.5602



93.2940, -32.6829, 29.5602

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.



55.6340, -18.5536, -22.4810



60.7060, 32.6829, -29.5602



62.7390, -30.9303, 27.4159

Square

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



60.7060, 32.6829, -29.5602



63.0650, -4.9620, 51.6860



61.1230, -30.1336, 5.1541



56.8950, 12.3768, -49.8969

Rectangle

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



60.7060, 32.6829, -29.5602



66.7760, 13.4214, 35.2764



61.1230, -30.1336, 5.1541



50.8190, -5.8268, -44.5683

Sweetspot

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



60.7060, 32.6829, -29.5602



139.3650, 13.1311, -11.7211



92.7680, -1.8576, -57.6785



68.0190, 7.8786, -7.0327



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.



60.7060, 32.6829, -29.5602



62.4170, 51.0664, -45.9697



41.9880, 41.9109, -2.6205



59.5590, 2.1894, -2.2442



42.7680, 42.0194, -37.5075



0.0000, 0.0000, 0.0000

Inverse Universe

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



61.2320, 1.8576, 57.6785



63.3700, 2.7756, 90.0065



112.0120, -41.9109, 2.6205



59.4350, 0.2785, 4.0035



43.7440, 2.0982, 73.8925



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 60.7060, 32.6829, -29.5602 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 60.7060, 32.6829, -29.5602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

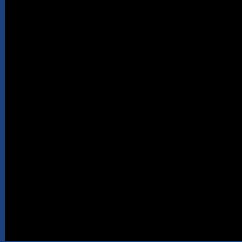
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.7060, 32.6829, -29.5602

Background



This preview shows how black text looks on a background with the YUV color 60.7060, 32.6829, -29.5602.



This preview shows how white text looks on a background with the YUV color 60.7060, 32.6829,

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

60.7060, 32.6829, -29.5602

Protanopia

61.5000, 31.7985, -25.8715

Deuteranopia

53.4820, 32.3004, -46.9037



Tritanopia

52.4440, 13.0921, -45.9934

Trichromacy



Original Color

60.7060, 32.6829, -29.5602

Protanomaly

60.9020, 32.0933, -27.1011

Deuteranomaly

56.2270, 32.4261, -40.5411

Tritanomaly

55.6110, 19.9118, -40.0008

Monochromacy



Original Color

60.7060, 32.6829, -29.5602

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.7350, 11.9626, -10.2916

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.7060, 32.6829, -29.5602 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(27, 65, 127)` looks like.

```
.text, #text, p{  
    color:rgb(27, 65, 127)  
}
```

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(27, 65, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 65, 127) }
```

Border

The CSS property to change the border of an element to YUV 60.7060, 32.6829, -29.5602 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(27, 65, 127) }
```


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

```
.border{ border-color:rgb(27, 65, 127) }
```

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

Here you see how a box with a 4 pixel rgb(27, 65, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 65, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 65, 127);  
box-shadow:4px 4px 4px 4px rgb(27, 65,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 60.7060, 32.6829, -29.5602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 65, 127) }
```

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

```
.background{ background-color: rgb(27, 65,  
127) }
```

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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