

Converting Colors

YUV(66.2960, 21.0531,
-32.7086)

Have a look what the booklet for
YUV(66.2960, 21.0531, -32.7086)
contains.

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Color

**YUV(66.2960, 21.0531,
-32.7086)**

Conversions

Conversions Part 1

Format	Color
Hex	1D4D6D
RGB	29, 77, 109
RGB Percent	11%, 30%, 43%
CMY	0.8863, 0.6980, 0.5725
CMYK	0.73, 0.29, 0.00, 0.57
HSL	204°, 58%, 27%
HSV	204°, 73%, 43%
XYZ	5.9209, 6.6731, 15.4440
YIQ	66.2960, -38.8800, -0.2240

Conversions

Conversions Part 2

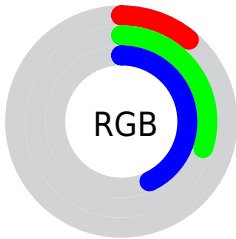
Format	Color
R_{YB}	29, 59, 109
Decimal	1920365
CIE Lab	31.05, -4.60, -23.18
CIE LCh	31, 23.632, 258.781
Yxy	6.6731, 0.2112, 0.2380
Android (android.graphics.Color)	4280110445 (0xFF1D4D6D)
YUV	66.2960, 21.0531, -32.7086
Hunter-Lab	25.8323, -4.2936, -17.3642




Details

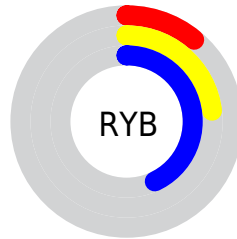
The YUV color **66.2960, 21.0531, -32.7086** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **71.7040, -21.0531, 32.7086**, and the grayscale version is **66.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **117.4320, 21.4790, -29.3199**, and **26.3250, 17.0948, -23.0870** is the 20% darker color. If you saturate the color by 10%, you get **60.6590, 23.8321, -37.4119**, and if you desaturate by 10%, it is **71.9330, 18.2740, -28.0052**.

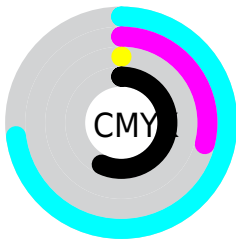
Distribution







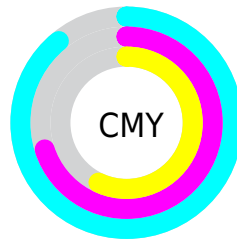
-  Red (11%)
-  Green (30%)
-  Blue (43%)






-  Red (11%)
-  Yellow (23%)
-  Blue (43%)



-  Cyan (73%)
-  Magenta (29%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (89%)
-  Magenta (70%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.2960, 21.0531, -32.7086 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 66.2960, 21.0531, -32.7086 by changing the saturation by 10% instead.

■ 66.2960, 21.0531,
-32.7086

■ 66.2960, 21.0531,
-32.7086

■ 255.0000, 0.0000,
0.0000

■ 41.3880, 21.5007,
-36.2973

■ 117.4320, 21.4790,
-29.3199

■ 26.3250, 17.0948,
-23.0870

■ 143.5460, 21.9158,
-29.4198

■ 10.3160, 14.1412,
-9.0471

■ 170.0730, 22.6420,
-29.0050

■ 2.5250, 7.1362,
-2.2144

■ 198.0730, 22.6420,
-29.0050

■ 0.0000, 0.0000,
0.0000

■ 224.1350, 15.2164,
-27.3054

■ 244.8340, 5.0118,

-20.9024

253.8040, 0.5896,
-2.4591

66.2960, 21.0531,
-32.7086

66.2960, 21.0531,
-32.7086

60.6590, 23.8321,
-37.4119

71.9330, 18.2740,
-28.0052

54.4350, 26.9005,
-41.6005

78.1570, 15.2056,
-23.8167

50.5810, 28.8006,
-44.3595

83.7940, 12.4266,
-19.1133

89.4310, 9.6475,
-14.4100

95.3560, 6.7265,
-10.8362

■ 100.9930, 3.9475,
-6.1329

■ 107.2170, 0.8790,
-1.9443

■ 112.8540, -1.9000,
2.7590

■ 118.4910, -4.6791,
7.4624

Harmonies

Analogous

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



58.9470, 20.2391, -51.6965



66.2960, 21.0531, -32.7086



73.1250, 17.1934, -8.0026

Triad

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



66.2960, 21.0531, -32.7086



74.2920, -6.0600, 30.4389



67.9800, -9.8501, -14.0145

Complementary

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



66.2960, 21.0531, -32.7086



71.7040, -21.0531, 32.7086

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.



70.6570, -16.5929, 2.0548



66.2960, 21.0531, -32.7086



73.0220, -13.3218, 26.2907

Square

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



66.2960, 21.0531, -32.7086



74.9630, 2.9762, 25.4654



72.5170, -17.5099, 16.2096



63.0190, 0.9766, -33.3427

Rectangle

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



66.2960, 21.0531, -32.7086



74.8880, 13.3662, 6.2372



72.5170, -17.5099, 16.2096



68.9160, -12.7766, -8.6963

Sweetspot

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



66.2960, 21.0531, -32.7086



125.8010, 8.4791, -12.9805



79.6080, -9.1737, -44.3832



61.5090, 4.6791, -7.4624



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



66.2960, 21.0531, -32.7086



75.9760, 33.0428, -51.7220



42.8160, 32.6287, -12.1166



50.4450, 1.7526, -2.1443



54.4280, 30.8480, -47.7334



114.2190, 64.4750, -100.1701

Inverse Universe

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



58.3920, 9.1737, 44.3832



63.3380, 14.6234, 69.8636



95.1840, -32.6287, 12.1166



50.1360, 0.4260, 3.3887



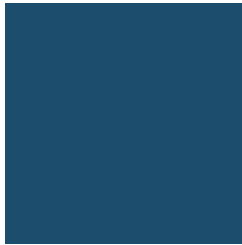
42.9630, 13.3292, 64.9304



90.0130, 28.0946, 135.9236

Previews

White Background



This preview shows how the YUV color 66.2960, 21.0531, -32.7086 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 66.2960, 21.0531, -32.7086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

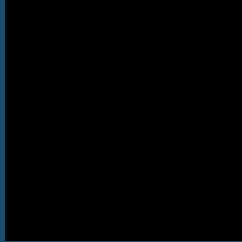
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.2960, 21.0531, -32.7086

Background



This preview shows how black text looks on a background with the YUV color 66.2960, 21.0531, -32.7086.

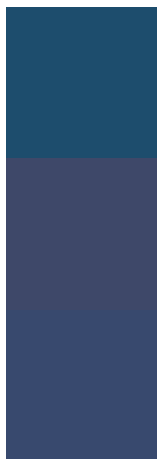


This preview shows how white text looks on a background with the YUV color 66.2960, 21.0531,

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

66.2960, 21.0531, -32.7086

Protanopia

72.7720, 15.8884, -9.4470

Deuteranopia

72.1350, 18.6674, -14.1504



Tritanopia

57.5790, 14.9976, -50.4968

Trichromacy



Original Color

66.2960, 21.0531, -32.7086

Protanomaly

70.4720, 17.5153, -17.9539

Deuteranomaly

69.7320, 19.8521, -20.8130

Tritanomaly

61.1930, 17.1599, -44.0193

Monochromacy



Original Color

66.2960, 21.0531, -32.7086

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.2850, 7.7475, -11.6509

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.2960, 21.0531, -32.7086 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(29, 77, 109)` looks like.

```
.text, #text, p{  
    color:rgb(29, 77, 109)  
}
```

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(29, 77, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 77, 109) }
```

Border

The CSS property to change the border of an element to YUV 66.2960, 21.0531, -32.7086 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(29, 77, 109) }
```


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

```
.border{ border-color:rgb(29, 77, 109) }
```

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

Here you see how a box with a 4 pixel rgb(29, 77, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 77, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 77, 109);  
box-shadow:4px 4px 4px 4px rgb(29, 77,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 66.2960, 21.0531, -32.7086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 77, 109) }
```

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

```
.background{ background-color: rgb(29, 77,  
109) }
```

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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