

Converting Colors

YUV(62.7720, 29.1994,
-32.2490)

Have a look what the booklet for
YUV(62.7720, 29.1994, -32.2490)
contains.

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Color

**YUV(62.7720, 29.1994,
-32.2490)**

Conversions

Conversions Part 1

Format	Color
Hex	1A467A
RGB	26, 70, 122
RGB Percent	10%, 27%, 48%
CMY	0.8980, 0.7255, 0.5216
CMYK	0.79, 0.43, 0.00, 0.52
HSL	212°, 65%, 29%
HSV	212°, 79%, 48%
XYZ	6.1290, 6.0051, 19.2484
YIQ	62.7720, -42.9160, 6.8440

Conversions

Conversions Part 2

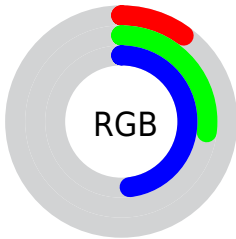
Format	Color
R_{YB}	26, 56, 122
Decimal	1721978
CIE Lab	29.43, 4.70, -33.93
CIE LCh	29, 34.252, 277.894
Yxy	6.0051, 0.1953, 0.1914
Android (android.graphics.Color)	4279912058 (0xFF1A467A)
YUV	62.7720, 29.1994, -32.2490
Hunter-Lab	24.5052, 1.7605, -29.4175




Details

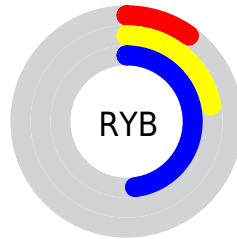
The YUV color **62.7720, 29.1994, -32.2490** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **85.2280, -29.1994, 32.2490**, and the grayscale version is **63.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **114.6310, 29.7619, -25.9864**, and **24.7580, 23.7833, -21.7128** is the 20% darker color. If you saturate the color by 10%, you get **55.0750, 32.9940, -36.0228**, and if you desaturate by 10%, it is **70.4690, 25.4048, -28.4753**.

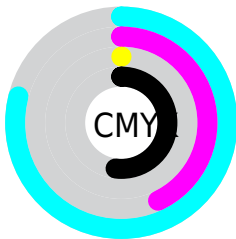
Distribution







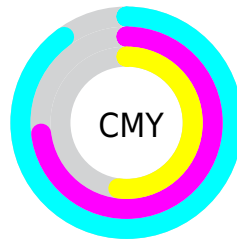
-  Red (10%)
-  Green (27%)
-  Blue (48%)






-  Red (10%)
-  Yellow (22%)
-  Blue (48%)



-  Cyan (79%)
-  Magenta (43%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (90%)
-  Magenta (73%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.7720, 29.1994, -32.2490 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 62.7720, 29.1994, -32.2490 by changing the saturation by 10% instead.

■ 62.7720, 29.1994,
-32.2490

■ 62.7720, 29.1994,
-32.2490

■ 255.0000, 0.0000,
0.0000

■ 39.2340, 28.4786,
-34.4082

■ 114.6310, 29.7619,
-25.9864

■ 24.7580, 23.7833,
-21.7128

■ 140.4570, 30.3407,
-24.9568

■ 6.8740, 21.2611,
-6.0285

■ 167.6850, 31.2143,
-25.1567

■ 4.3660, 11.6516,
-3.8290

■ 194.6420, 29.7565,
-24.2420

■ 0.0000, 0.0000,
0.0000

■ 219.7490, 17.3787,
-20.8279

■ 244.8560, 5.0010,

-17.4137

254.7010, 0.1474,
-0.6148

■ 62.7720, 29.1994,
-32.2490

■ 62.7720, 29.1994,
-32.2490

■ 55.0750, 32.9940,
-36.0228

■ 70.4690, 25.4048,
-28.4753

■ 47.9650, 36.4993,
-40.3113

■ 77.5790, 21.8996,
-24.1868

■ 46.7800, 37.0835,
-41.0261

■ 85.5750, 17.9575,
-19.7983

■ 92.6850, 14.4523,
-15.5097

■ 100.3820, 10.6577,
-11.7360

■ 108.0790, 6.8631,
-7.9623

■ 115.1890, 3.3578,
-3.6738

■ 123.1850, -0.5842,
0.7148

■ 130.2950, -4.0894,
5.0033

Harmonies

Analogous

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



58.6510, 29.2591, -51.4369



62.7720, 29.1994, -32.2490



71.2070, 19.6179, 7.7115

Triad

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



62.7720, 29.1994, -32.2490



67.7680, -14.6756, 40.5455



53.0190, -2.4744, -46.4977

Complementary

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



62.7720, 29.1994, -32.2490



85.2280, -29.1994, 32.2490

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.



62.2870, -18.8755, -12.5297



62.7720, 29.1994, -32.2490



67.4600, -24.3838, 27.6606

Square

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



62.7720, 29.1994, -32.2490



67.9930, -2.4615, 42.9791



65.3670, -26.8029, 10.2021



56.7980, 9.4666, -49.8118

Rectangle

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



62.7720, 29.1994, -32.2490



71.5960, 13.0172, 24.9103



65.3670, -26.8029, 10.2021



57.7990, -8.7749, -32.2727

Sweetspot

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



62.7720, 29.1994, -32.2490



134.8980, 11.3893, -13.0655



88.1660, -5.5048, -54.5196



65.0790, 6.8631, -7.9623



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.



62.7720, 29.1994, -32.2490



66.4890, 45.1149, -50.4179



37.8410, 41.4904, -7.7536



57.4450, 1.7526, -2.1443



47.7090, 38.1045, -41.8408



96.8200, 76.5037, -84.9111

Inverse Universe

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



59.7200, 5.0680, 54.6196



61.4170, 8.1754, 84.7033



110.1590, -41.4904, 7.7536



57.1360, 0.4260, 3.3887



43.8730, 6.4716, 71.1484



88.5720, 13.5220, 143.3264

Previews

White Background



This preview shows how the YUV color 62.7720, 29.1994, -32.2490 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 62.7720, 29.1994, -32.2490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

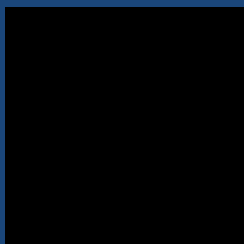
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.7720, 29.1994, -32.2490

Background



This preview shows how black text looks on a background with the YUV color 62.7720, 29.1994, -32.2490.



This preview shows how white text looks on a background with the YUV color 62.7720, 29.1994,

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

62.7720, 29.1994, -32.2490

Protanopia

67.3500, 25.9565, -18.7239

Deuteranopia

61.8750, 29.6416, -34.0934



Tritanopia

54.6610, 13.9711, -47.9377

Trichromacy



Original Color

62.7720, 29.1994, -32.2490

Protanomaly

65.9580, 27.1357, -23.6422

Deuteranomaly

62.1740, 29.4942, -33.4786

Tritanomaly

57.1870, 19.6278, -42.2600

Monochromacy



Original Color

62.7720, 29.1994, -32.2490

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.2680, 10.2209, -11.6360

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.7720, 29.1994, -32.2490 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(26, 70, 122)` looks like.

```
.text, #text, p{  
    color:rgb(26, 70, 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(26, 70, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 70, 122) }
```

Border

The CSS property to change the border of an element to YUV 62.7720, 29.1994, -32.2490 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(26, 70, 122) }
```


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

```
.border{ border-color:rgb(26, 70, 122) }
```

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

Here you see how a box with a 4 pixel rgb(26, 70, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 70, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 70, 122);  
box-shadow:4px 4px 4px 4px rgb(26, 70,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 62.7720, 29.1994, -32.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 70, 122) }
```

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

```
.background{ background-color: rgb(26, 70,  
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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