

Converting Colors

YUV(62.2280, 30.9466,
-32.6490)

Have a look what the booklet for
YUV(62.2280, 30.9466, -32.6490)
contains.

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Color

**YUV(62.2280, 30.9466,
-32.6490)**

Conversions

Conversions Part 1

Format	Color
Hex	19457D
RGB	25, 69, 125
RGB Percent	10%, 27%, 49%
CMY	0.9020, 0.7294, 0.5098
CMYK	0.80, 0.45, 0.00, 0.51
HSL	214°, 67%, 29%
HSV	214°, 80%, 49%
XYZ	6.2307, 5.9436, 20.2209
YIQ	62.2280, -44.2000, 8.0880

Conversions

Conversions Part 2

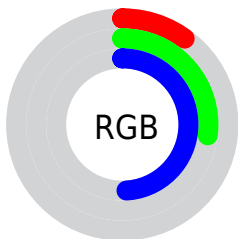
Format	Color
R_{YB}	25, 56, 125
Decimal	1656189
CIE _{Lab}	29.27, 6.48, -36.06
CIE _{LCh}	29, 36.632, 280.185
Yxy	5.9436, 0.1923, 0.1835
Android (android.graphics.Color)	4279846269 (0xFF19457D)
YUV	62.2280, 30.9466, -32.6490
Hunter-Lab	24.3795, 2.9554, -32.1108

Details

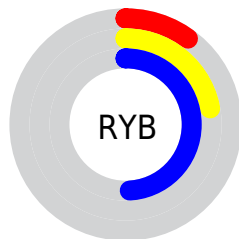
The YUV color **62.2280, 30.9466, -32.6490** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **87.7720, -30.9466, 32.6490**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3860, 31.3617, -25.7715**, and **24.3990, 24.9463, -21.3979** is the 20% darker color. If you saturate the color by 10%, you get **54.2320, 34.8886, -37.0375**, and if you desaturate by 10%, it is **70.2240, 27.0046, -28.2604**.

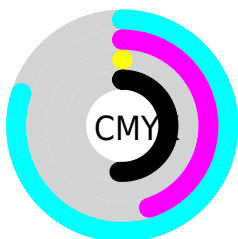
Distribution



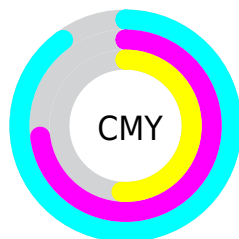
- Red (10%)
- Green (27%)
- Blue (49%)



- Red (10%)
- Yellow (22%)
- Blue (49%)



- Cyan (80%)
- Magenta (45%)
- Yellow (0%)
- Black (51%)



- Cyan (90%)
- Magenta (73%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.2280, 30.9466, -32.6490 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 62.2280, 30.9466, -32.6490 by changing the saturation by 10% instead.

■ 62.2280, 30.9466,
-32.6490

■ 62.2280, 30.9466,
-32.6490

■ 255.0000, 0.0000,
0.0000

■ 38.9890, 30.0784,
-34.1934

■ 114.3860, 31.3617,
-25.7715

■ 24.3990, 24.9463,
-21.3979

■ 140.3260, 32.3773,
-24.8419

■ 7.2160, 22.5715,
-6.3284

■ 167.7390, 32.6667,
-24.3271

■ 4.5940, 12.5252,
-4.0289

■ 194.3540, 29.8985,
-23.1125

■ 0.1140, 0.4368,
-0.1000

■ 219.1620, 17.6681,
-20.3131

■ 0.0000, 0.0000,
0.0000

■ 244.2690, 5.2904,

-16.8989

■ 62.2280, 30.9466,
-32.6490

■ 62.2280, 30.9466,
-32.6490

■ 54.2320, 34.8886,
-37.0375

■ 70.2240, 27.0046,
-28.2604

■ 46.5350, 38.6832,
-40.8112

■ 77.9210, 23.2099,
-24.4867

■ 85.9170, 19.2679,
-20.0982

■ 93.6140, 15.4733,
-16.3245

■ 101.3110, 11.6787,
-12.5507

■ 109.3070, 7.7366,
-8.1622

■ 117.3030, 3.7946,
-3.7737

■ 125.0000, 0.0000,
0.0000

■ 132.9960, -3.9420,
4.3885

Harmonies

Analogous

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



59.1070, 31.0062, -51.8368



62.2280, 30.9466, -32.6490



71.1580, 20.6281, 10.3854

Triad

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



62.2280, 30.9466, -32.6490



67.0240, -16.2808, 42.0750



53.1330, -2.0376, -46.5976

Complementary

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



62.2280, 30.9466, -32.6490



87.7720, -30.9466, 32.6490

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.



60.5640, -19.0121, -15.4036



62.2280, 30.9466, -32.6490



66.4770, -26.8572, 27.6457

Square

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



62.2280, 30.9466, -32.6490



66.7870, -3.3460, 46.6678



64.3730, -29.2709, 8.4429



57.0260, 10.3402, -50.0118

Rectangle

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



62.2280, 30.9466, -32.6490



70.7320, 13.4431, 28.2990



64.3730, -29.2709, 8.4429



52.9010, -6.8532, -42.0092

Sweetspot

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



62.2280, 30.9466, -32.6490



138.4250, 12.1155, -12.6507



89.9700, -4.9152, -56.9787



66.6060, 7.5892, -7.5475



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



62.2280, 30.9466, -32.6490



64.7000, 48.4619, -50.6029



37.8950, 42.9428, -6.9239



59.5590, 2.1894, -2.2442



47.4640, 39.7042, -41.6259



0.0000, 0.0000, 0.0000

Inverse Universe

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



59.9160, 4.4784, 57.0787



61.3960, 6.7068, 89.1067



112.1050, -42.9428, 6.9239



59.4350, 0.2785, 4.0035



44.6560, 5.5926, 73.0927



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 62.2280, 30.9466, -32.6490 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 62.2280, 30.9466, -32.6490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

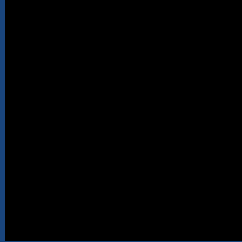
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.2280, 30.9466, -32.6490

Background



This preview shows how black text looks on a background with the YUV color 62.2280, 30.9466, -32.6490.



This preview shows how white text looks on a background with the YUV color 62.2280, 30.9466,

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

62.2280, 30.9466, -32.6490

Protanopia

65.9090, 28.1459, -20.9682

Deuteranopia

55.2260, 33.9056, -48.4332

Trichromacy



Original Color

62.2280, 30.9466, -32.6490

Protanomaly

64.8160, 29.1777, -25.2716

Deuteranomaly

57.9170, 32.5789, -42.9002

Monochromacy



Original Color

62.2280, 30.9466, -32.6490

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.4960, 11.0945, -11.8360

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.2280, 30.9466, -32.6490 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(25, 69, 125)` looks like.

```
.text, #text, p{  
    color:rgb(25, 69, 125)  
}
```

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(25, 69, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 69, 125) }
```

Border

The CSS property to change the border of an element to YUV 62.2280, 30.9466, -32.6490 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(25, 69, 125) }
```

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

```
.border{ border-color:rgb(25, 69, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 69, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 69, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 69, 125);  
box-shadow:4px 4px 4px 4px rgb(25, 69,  
125) }
```


Background

The CSS property to change the background color of an element to YUV 62.2280, 30.9466, -32.6490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 69, 125) }
```

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

```
.background{ background-color: rgb(25, 69,  
125) }
```

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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