

Converting Colors

YUV(62.2060, 34.4084,
-22.9827)

Have a look what the booklet for
YUV(62.2060, 34.4084, -22.9827)
contains.

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Color

**YUV(62.2060, 34.4084,
-22.9827)**

Conversions

Conversions Part 1

Format	Color
Hex	243E84
RGB	36, 62, 132
RGB Percent	14%, 24%, 52%
CMY	0.8588, 0.7569, 0.4824
CMYK	0.73, 0.53, 0.00, 0.48
HSL	224°, 57%, 33%
HSV	224°, 73%, 52%
XYZ	6.6150, 5.4863, 22.5401
YIQ	62.2060, -37.9660, 16.2580

Conversions

Conversions Part 2

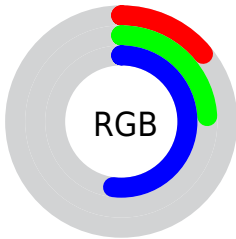
Format	Color
RYB	36, 56, 132
Decimal	2375300
CIELab	28.08, 15.68, -42.32
CIELCh	28, 45.128, 290.331
Yxy	5.4863, 0.1910, 0.1584
Android (android.graphics.Color)	4280565380 (0xFF243E84)
YUV	62.2060, 34.4084, -22.9827
Hunter-Lab	23.4228, 9.4220, -40.6598

Details

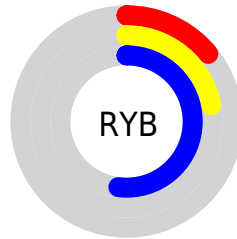
The YUV color **62.2060, 34.4084, -22.9827** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **105.7940, -34.4084, 22.9827**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.2930, 35.8446, -16.9200**, and **21.6750, 29.7402, -19.0090** is the 20% darker color. If you saturate the color by 10%, you get **52.4490, 39.2186, -25.8268**, and if you desaturate by 10%, it is **71.9630, 29.5982, -20.1386**.

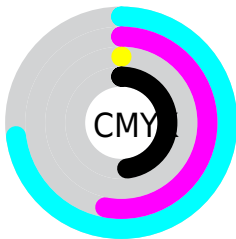
Distribution



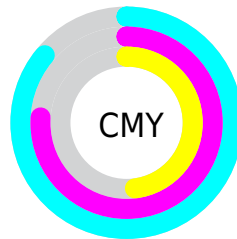
- Red (14%)
- Green (24%)
- Blue (52%)



- Red (14%)
- Yellow (22%)
- Blue (52%)



- Cyan (73%)
- Magenta (53%)
- Yellow (0%)
- Black (48%)



- Cyan (86%)
- Magenta (76%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.2060, 34.4084, -22.9827 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 62.2060, 34.4084, -22.9827 by changing the saturation by 10% instead.

■ 62.2060, 34.4084,
-22.9827

■ 62.2060, 34.4084,
-22.9827

■ 255.0000, 0.0000,
0.0000

■ 36.1510, 34.4356,
-31.7044

■ 113.2930, 35.8446,
-16.9200

■ 21.6750, 29.7402,
-19.0090

■ 139.2330, 36.8601,
-15.9903

■ 6.6120, 25.3343,
-5.7987

■ 166.0590, 37.4389,
-14.9607

■ 5.2780, 15.1459,
-4.6288

■ 191.7620, 31.1763,
-12.9463

■ 1.2540, 4.8048,
-1.0998

■ 216.8690, 18.7986,
-9.5321

■ 0.0000, 0.0000,
0.0000

■ 241.9760, 6.4208,

-6.1180

■ 62.2060, 34.4084,
-22.9827

■ 62.2060, 34.4084,
-22.9827

■ 52.4490, 39.2186,
-25.8268

■ 71.9630, 29.5982,
-20.1386

■ 43.2790, 43.7395,
-29.1857

■ 81.1330, 25.0774,
-16.7796

■ 36.1800, 47.2393,
-31.7299

■ 91.1890, 20.1198,
-13.3208

■ 100.9460, 15.3096,
-10.4766

■ 110.1160, 10.7888,
-7.1177

■ 119.8730, 5.9786,
-4.2736

■ 129.0430, 1.4578,
-0.9147

■ 139.0990, -3.4998,
2.5442

■ 148.8560, -8.3100,
5.3883

Harmonies

Analogous

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



58.8280, 37.5528, -51.5922



62.2060, 34.4084, -22.9827



67.7730, 21.3109, 24.7551

Triad

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



62.2060, 34.4084, -22.9827



61.7550, -25.0222, 45.8189



53.5890, -0.2904, -46.9976

Complementary

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



62.2060, 34.4084, -22.9827



105.7940, -34.4084, 22.9827

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.



48.3220, -15.4417, -40.6244



62.2060, 34.4084, -22.9827



63.0160, -31.0669, 24.5420

Square

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



62.2060, 34.4084, -22.9827



59.1260, -7.4571, 58.6485



59.9050, -29.5332, -0.7937



58.2800, 15.1450, -51.1116

Rectangle

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



62.2060, 34.4084, -22.9827



63.7280, 12.9521, 45.8425



59.9050, -29.5332, -0.7937



51.6340, -5.2426, -45.2830

Sweetspot

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



62.2060, 34.4084, -22.9827



143.2020, 13.7044, -8.9472



100.2180, 2.3575, -56.3192



70.1440, 8.3100, -5.3883



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



62.2060, 34.4084, -22.9827



62.4660, 53.5073, -35.4887



53.2230, 38.8371, 3.3124



61.2710, 2.3314, -1.1147



35.3650, 46.6551, -31.0151



0.9290, 1.0210, -0.8147

Inverse Universe

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



67.6680, -2.7943, 56.4192



71.1110, -4.4917, 87.6027



114.7770, -38.8371, -3.3124



61.9080, -0.4476, 3.5887



42.8600, -3.8750, 76.4218



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 62.2060, 34.4084, -22.9827 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 62.2060, 34.4084, -22.9827 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 62.2060, 34.4084, -22.9827

Background



This preview shows how black text looks on a background with the YUV color 62.2060, 34.4084, -22.9827.



This preview shows how white text looks on a background with the YUV color 62.2060, 34.4084,

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

62.2060, 34.4084, -22.9827

Protanopia

57.3290, 37.7988, -37.1225

Deuteranopia

53.3680, 31.8636, -46.8037



Tritanopia

52.4440, 13.0921, -45.9934

Trichromacy



Original Color

62.2060, 34.4084, -22.9827

Protanomaly

59.0200, 36.4721, -31.5895

Deuteranomaly

56.6510, 32.7101, -38.2819

Tritanomaly

56.1490, 20.6325, -37.8417

Monochromacy



Original Color

62.2060, 34.4084, -22.9827

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.1590, 12.2466, -8.0324

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.2060, 34.4084, -22.9827 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(36, 62, 132)` looks like.

```
.text, #text, p{  
    color:rgb(36, 62, 132)  
}
```

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(36, 62, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 62, 132) }
```

Border

The CSS property to change the border of an element to YUV 62.2060, 34.4084, -22.9827 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(36, 62, 132) }
```


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

```
.border{ border-color:rgb(36, 62, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 62, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 62, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 62, 132);  
box-shadow:4px 4px 4px 4px rgb(36, 62,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 62.2060, 34.4084, -22.9827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 62, 132) }
```

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

```
.background{ background-color: rgb(36, 62,  
132) }
```

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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