

Converting Colors

YUV(62.3140, 20.5512,
-11.6764)

Have a look what the booklet for
YUV(62.3140, 20.5512, -11.6764)
contains.

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Color

**YUV(62.3140, 20.5512,
-11.6764)**

Conversions

Conversions Part 1

Format	Color
Hex	313D68
RGB	49, 61, 104
RGB Percent	19%, 24%, 41%
CMY	0.8078, 0.7608, 0.5922
CMYK	0.53, 0.41, 0.00, 0.59
HSL	227°, 36%, 30%
HSV	227°, 53%, 41%
XYZ	5.4341, 4.9899, 13.7734
YIQ	62.3140, -20.9550, 10.8290

Conversions

Conversions Part 2

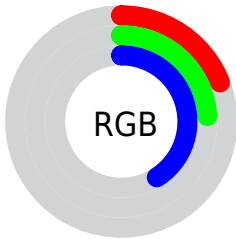
Format	Color
R_{YB}	49, 59, 104
Decimal	3226984
CIE _{Lab}	26.71, 8.54, -26.77
CIE _{LCh}	27, 28.096, 287.697
Yxy	4.9899, 0.2246, 0.2062
Android (android.graphics.Color)	4281417064 (0xFF313D68)
YUV	62.3140, 20.5512, -11.6764
Hunter-Lab	22.3382, 4.3308, -20.9208

Details

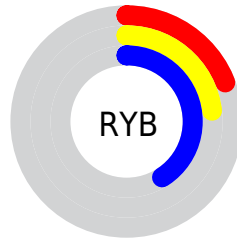
The YUV color **62.3140, 20.5512, -11.6764** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **90.6860, -20.5512, 11.6764**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.6670, 21.8562, -10.2320**, and **17.5370, 18.9623, -15.3799** is the 20% darker color. If you saturate the color by 10%, you get **54.6280, 24.3404, -13.7058**, and if you desaturate by 10%, it is **70.0000, 16.7620, -9.6470**.

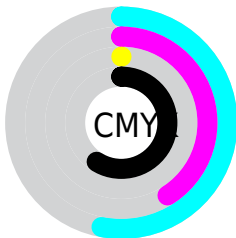
Distribution



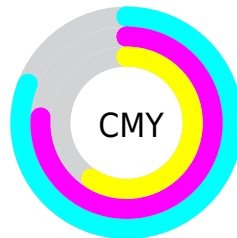
- Red (19%)
- Green (24%)
- Blue (41%)



- Red (19%)
- Yellow (23%)
- Blue (41%)



- Cyan (53%)
- Magenta (41%)
- Yellow (0%)
- Black (59%)



- Cyan (81%)
- Magenta (76%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.3140, 20.5512, -11.6764 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 62.3140, 20.5512, -11.6764 by changing the saturation by 10% instead.

■ 62.3140, 20.5512,
-11.6764

■ 62.3140, 20.5512,
-11.6764

■ 255.0000, 0.0000,
0.0000

■ 39.1890, 20.1198,
-13.3208

■ 110.6670, 21.8562,
-10.2320

■ 17.5370, 18.9623,
-15.3799

■ 136.1940, 22.5824,
-9.8171

■ 5.1640, 14.7091,
-4.5288

■ 162.4220, 23.4560,
-10.0171

■ 1.0260, 3.9312,
-0.8998

■ 189.9490, 24.1821,
-9.6023

■ 0.0000, 0.0000,
0.0000

■ 216.5810, 18.9406,
-8.4025

■ 241.3890, 6.7102,

-5.6032

■ 62.3140, 20.5512,
-11.6764

■ 62.3140, 20.5512,
-11.6764

■ 54.6280, 24.3404,
-13.7058

■ 70.0000, 16.7620,
-9.6470

■ 46.6430, 28.2770,
-16.3499

■ 77.9850, 12.8254,
-7.0028

■ 38.9570, 32.0662,
-18.3793

■ 85.6710, 9.0362,
-4.9735

■ 30.3850, 36.2922,
-20.5086

■ 94.2430, 4.8102,
-2.8441

■ 25.3570, 38.7710,
-22.2381

■ 101.9290, 1.0210,
-0.8147

■ 109.6150, -2.7682,
1.2146

■ 117.6000, -6.7048,
3.8588

■ 125.2860,
-10.4940, 5.8882

■ 133.2710,
-14.4306, 8.5323

Harmonies

Analogous

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



51.8860, 26.1852, -45.5040



62.3140, 20.5512, -11.6764



65.2310, 13.1971, 13.8294

Triad

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



62.3140, 20.5512, -11.6764



62.5880, -15.0799, 30.1793



48.8930, 2.0248, -42.8792

Complementary

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



62.3140, 20.5512, -11.6764



90.6860, -20.5512, 11.6764

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.



56.8010, -11.7339, -16.4885



62.3140, 20.5512, -11.6764



61.7300, -20.5729, 18.6538

Square

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



62.3140, 20.5512, -11.6764



63.0260, -5.9288, 35.0572



59.8590, -19.6505, 2.7547



51.9880, 11.3449, -45.5935

Rectangle

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



62.3140, 20.5512, -11.6764



64.8150, 7.4862, 25.5952



59.8590, -19.6505, 2.7547



51.6830, -2.8017, -34.8020

Sweetspot

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



62.3140, 20.5512, -11.6764



118.7420, 8.0152, -4.1587



86.0730, 2.4290, -32.5130



59.2430, 4.8102, -2.8441



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



62.3140, 20.5512, -11.6764



70.8430, 31.6294, -18.2793



59.7550, 21.8128, 3.7229



47.1570, 1.8946, -1.0147



27.7850, 42.9970, -24.3674



58.6990, 90.3674, -51.4790

Inverse Universe

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



66.8130, -2.8658, 32.6130



77.5810, -4.2304, 50.3565



93.2450, -21.8128, -3.7229



47.6090, -0.3002, 2.9739



37.2350, -6.0319, 68.1999



78.4000, -12.5222, 143.4772

Previews

White Background



This preview shows how the YUV color 62.3140, 20.5512, -11.6764 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 62.3140, 20.5512, -11.6764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

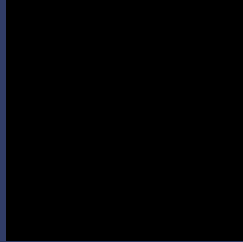
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.3140, 20.5512, -11.6764

Background



This preview shows how black text looks on a background with the YUV color 62.3140, 20.5512, -11.6764.



This preview shows how white text looks on a background with the YUV color 62.3140, 20.5512, -11.6764.

-11.6764.

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

62.3140, 20.5512, -11.6764

Protanopia

61.8190, 21.2882, -14.7503

Deuteranopia

60.0850, 21.1571, -19.3685



Tritanopia

59.6000, 6.6062, -18.9432

Trichromacy



Original Color

62.3140, 20.5512, -11.6764

Protanomaly

62.1180, 21.1408, -14.1355

Deuteranomaly

60.6940, 20.8569, -16.3946

Tritanomaly

60.2890, 11.6895, -16.0395

Monochromacy



Original Color

62.3140, 20.5512, -11.6764

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.2150, 7.2890, -4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.3140, 20.5512, -11.6764 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(49, 61, 104)` looks like.

```
.text, #text, p{  
    color:rgb(49, 61, 104)  
}
```

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(49, 61, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 61, 104) }
```

Border

The CSS property to change the border of an element to YUV 62.3140, 20.5512, -11.6764 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(49, 61, 104) }
```


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

```
.border{ border-color:rgb(49, 61, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 61, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 61, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 61, 104);  
box-shadow:4px 4px 4px 4px rgb(49, 61,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 62.3140, 20.5512, -11.6764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 61, 104) }
```

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

```
.background{ background-color: rgb(49, 61,  
104) }
```

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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