

Converting Colors

YUV(62.0480, 20.6823, -7.0581)

Have a look what the booklet for
YUV(62.0480, 20.6823, -7.0581)
contains.

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Color

**YUV(62.0480, 20.6823,
-7.0581)**

Conversions

Conversions Part 1

Format	Color
Hex	363A68
RGB	54, 58, 104
RGB Percent	21%, 23%, 41%
CMY	0.7882, 0.7725, 0.5922
CMYK	0.48, 0.44, 0.00, 0.59
HSL	235°, 32%, 31%
HSV	235°, 48%, 41%
XYZ	5.5331, 4.8099, 13.7335
YIQ	62.0480, -17.1500, 13.4580

Conversions

Conversions Part 2

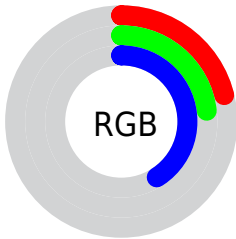
Format	Color
R_{YB}	54, 58, 104
Decimal	3553896
CIE _{Lab}	26.19, 11.95, -27.57
CIE _{LCh}	26, 30.043, 293.429
Yxy	4.8099, 0.2298, 0.1998
Android (android.graphics.Color)	4281743976 (0xFF363A68)
YUV	62.0480, 20.6823, -7.0581
Hunter-Lab	21.9314, 6.6538, -21.7755

Details

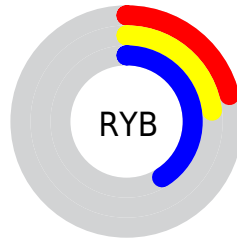
The YUV color **62.0480, 20.6823, -7.0581** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **95.9520, -20.6823, 7.0581**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.5150, 22.4241, -5.7137**, and **16.6730, 19.3882, -11.9912** is the 20% darker color. If you saturate the color by 10%, you get **53.1880, 25.0503, -8.0579**, and if you desaturate by 10%, it is **70.9080, 16.3144, -6.0583**.

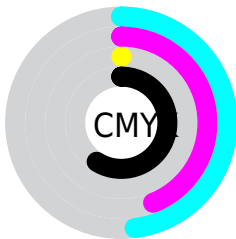
Distribution



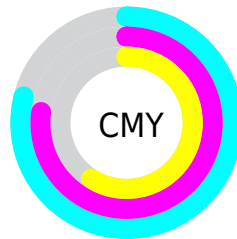
- Red (21%)
- Green (23%)
- Blue (41%)



- Red (21%)
- Yellow (23%)
- Blue (41%)



- Cyan (48%)
- Magenta (44%)
- Yellow (0%)
- Black (59%)



- Cyan (79%)
- Magenta (77%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.0480, 20.6823, -7.0581 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 62.0480, 20.6823, -7.0581 by changing the saturation by 10% instead.

■ 62.0480, 20.6823,
-7.0581

■ 62.0480, 20.6823,
-7.0581

■ 255.0000, 0.0000,
0.0000

■ 39.5100, 19.9616,
-9.2173

■ 110.5150, 22.4241,
-5.7137

■ 16.6730, 19.3882,
-11.9912

■ 135.9280, 22.7135,
-5.1989

■ 5.1640, 14.7091,
-4.5288

■ 162.1560, 23.5871,
-5.3988

■ 1.0260, 3.9312,
-0.8998

■ 189.6830, 24.3133,
-4.9840

■ 0.0000, 0.0000,
0.0000

■ 215.7280, 19.3611,
-3.2695

■ 241.1230, 6.8414,

-0.9849

■ 62.0480, 20.6823,
-7.0581

■ 62.0480, 20.6823,
-7.0581

■ 53.1880, 25.0503,
-8.0579

■ 70.9080, 16.3144,
-6.0583

■ 44.6160, 29.2763,
-10.1872

■ 79.4800, 12.0884,
-3.9290

■ 35.7560, 33.6443,
-11.1870

■ 88.3400, 7.7204,
-2.9292

■ 27.1840, 37.8703,
-13.3164

■ 96.9120, 3.4944,
-0.7998

■ 18.3240, 42.2383,
-14.3161

■ 105.7720, -0.8736,
0.2000

■ 16.5520, 43.1119,
-14.5161

■ 114.0450, -4.9522,
1.7145

■ 123.2040, -9.4676,
3.3291

■ 132.0640,
-13.8356, 4.3289

■ 140.6360,
-18.0615, 6.4582

Harmonies

Analogous

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



50.9400, 27.6376, -44.6744



62.0480, 20.6823, -7.0581



63.7370, 12.4547, 18.6477

Triad

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



62.0480, 20.6823, -7.0581



60.7190, -17.1165, 30.0644



49.2350, 3.3351, -43.1791

Complementary

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



62.0480, 20.6823, -7.0581



95.9520, -20.6823, 7.0581

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.



53.8110, -10.2598, -22.6362



62.0480, 20.6823, -7.0581



59.8500, -22.6040, 16.7946

Square

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



62.0480, 20.6823, -7.0581



61.4670, -8.1182, 37.3014



57.7230, -20.0764, -0.6341



51.8570, 13.3815, -45.4786

Rectangle

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



62.0480, 20.6823, -7.0581



62.9080, 6.4544, 29.8987



57.7230, -20.0764, -0.6341



47.7360, 0.1302, -41.8645

Sweetspot

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



62.0480, 20.6823, -7.0581



119.3400, 7.7204, -2.9292



88.5940, 5.6232, -30.3389



58.9550, 4.9522, -1.7145



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.



62.0480, 20.6823, -7.0581



69.4140, 32.3339, -10.8871



65.9790, 18.7444, 7.9114



46.5700, 2.1840, -0.4999



18.3930, 47.6273, -16.1307



38.7410, 100.2067, -33.9759

Inverse Universe

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



69.4060, -5.6232, 30.3389



81.0060, -8.8770, 47.3527



92.0210, -18.7444, -7.9114



47.4950, -0.7370, 3.0739



35.4110, -13.0206, 69.7996



74.5240, -27.3733, 146.8765

Previews

White Background



This preview shows how the YUV color 62.0480, 20.6823, -7.0581 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 62.0480, 20.6823, -7.0581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

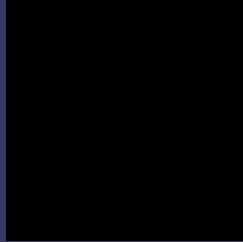
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.0480, 20.6823, -7.0581

Background



This preview shows how black text looks on a background with the YUV color 62.0480, 20.6823, -7.0581.



This preview shows how white text looks on a background with the YUV color 62.0480, 20.6823,

-7.0581.

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

62.0480, 20.6823, -7.0581

Protanopia

59.8620, 22.7460, -15.6650

Deuteranopia

58.6010, 21.8887, -20.6981



Tritanopia

59.4050, 5.7163, -13.5102

Trichromacy



Original Color

62.0480, 20.6823, -7.0581

Protanomaly

60.3570, 22.0090, -12.5911

Deuteranomaly

60.1070, 21.1462, -15.8798

Tritanomaly

60.2080, 11.2365, -10.7064

Monochromacy



Original Color

62.0480, 20.6823, -7.0581

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.2260, 7.2836, -2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.0480, 20.6823, -7.0581 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(54, 58, 104)` looks like.

```
.text, #text, p{  
  color:rgb(54, 58, 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(54, 58, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 58, 104) }
```

Border

The CSS property to change the border of an element to YUV 62.0480, 20.6823, -7.0581 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(54, 58, 104) }
```


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

```
.border{ border-color:rgb(54, 58, 104) }
```

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

Here you see how a box with a 4 pixel rgb(54, 58, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 58, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 58, 104);  
box-shadow:4px 4px 4px 4px rgb(54, 58,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 62.0480, 20.6823, -7.0581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 58, 104) }
```

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

```
.background{ background-color: rgb(54, 58,  
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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