

Converting Colors

YUV(63.9120, 20.2564,
-10.4468)

Have a look what the booklet for
YUV(63.9120, 20.2564, -10.4468)
contains.

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Color

**YUV(63.9120, 20.2564,
-10.4468)**

Conversions

Conversions Part 1

Format	Color
Hex	343E69
RGB	52, 62, 105
RGB Percent	20%, 24%, 41%
CMY	0.7961, 0.7569, 0.5882
CMYK	0.50, 0.41, 0.00, 0.59
HSL	229°, 34%, 31%
HSV	229°, 50%, 41%
XYZ	5.6886, 5.1952, 14.0676
YIQ	63.9120, -19.7630, 11.2530

Conversions

Conversions Part 2

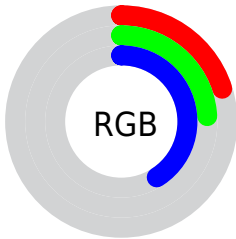
Format	Color
R_{YB}	52, 60, 105
Decimal	3423849
CIE _{Lab}	27.28, 9.01, -26.48
CIE _{LCh}	27, 27.972, 288.795
Yxy	5.1952, 0.2280, 0.2082
Android (android.graphics.Color)	4281613929 (0xFF343E69)
YUV	63.9120, 20.2564, -10.4468
Hunter-Lab	22.7931, 4.6615, -20.6378




Details

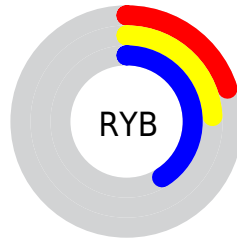
The YUV color **63.9120, 20.2564, -10.4468** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **93.0880, -20.2564, 10.4468**, and the grayscale version is **64.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **112.3790, 21.9982, -9.1024**, and **18.2380, 19.1097, -15.9947** is the 20% darker color. If you saturate the color by 10%, you get **55.6390, 24.3350, -11.9614**, and if you desaturate by 10%, it is **72.4840, 16.0304, -8.3175**.

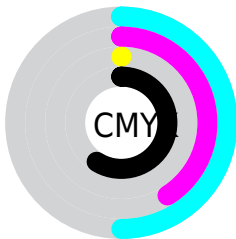
Distribution







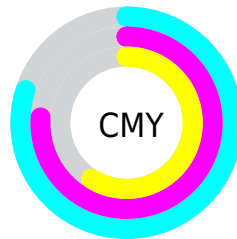
-  Red (20%)
-  Green (24%)
-  Blue (41%)






-  Red (20%)
-  Yellow (24%)
-  Blue (41%)



-  Cyan (50%)
-  Magenta (41%)
-  Yellow (0%)
-  Black (59%)



-  Cyan (80%)
-  Magenta (76%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.9120, 20.2564, -10.4468 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 63.9120, 20.2564, -10.4468 by changing the saturation by 10% instead.

■ 63.9120, 20.2564,
-10.4468

■ 63.9120, 20.2564,
-10.4468

■ 255.0000, 0.0000,
0.0000

■ 40.7870, 19.8250,
-12.0912

■ 112.3790, 21.9982,
-9.1024

■ 18.2380, 19.1097,
-15.9947

■ 138.4930, 22.4350,
-9.2024

■ 5.2780, 15.1459,
-4.6288

■ 164.6070, 22.8717,
-9.3023

■ 1.2540, 4.8048,
-1.0998

■ 192.1340, 23.5979,
-8.8875

■ 0.0000, 0.0000,
0.0000

■ 218.0650, 18.2090,
-7.0730

■ 243.4600, 5.6892,

-4.7884

■ 63.9120, 20.2564,
-10.4468

■ 63.9120, 20.2564,
-10.4468

■ 55.6390, 24.3350,
-11.9614

■ 72.4840, 16.0304,
-8.3175

■ 47.6540, 28.2716,
-14.6056

■ 80.1700, 12.2412,
-6.2881

■ 39.0820, 32.4976,
-16.7349

■ 88.7420, 8.0152,
-4.1587

■ 31.3960, 36.2868,
-18.7643

■ 96.4280, 4.2260,
-2.1294

■ 23.7100, 40.0760,
-20.7937

■ 105.0000, 0.0000,
0.0000

■ 112.6860, -3.7892,
2.0294

■ 121.2580, -8.0152,
4.1587

■ 128.9440,
-11.8044, 6.1881

■ 137.5160,
-16.0304, 8.3175

Harmonies

Analogous

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



52.5870, 26.3326, -46.1188



63.9120, 20.2564, -10.4468



66.5300, 13.0497, 14.4442

Triad

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



63.9120, 20.2564, -10.4468



63.5880, -15.0799, 30.1793



50.2950, 2.3196, -44.1087

Complementary

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



63.9120, 20.2564, -10.4468



93.0880, -20.2564, 10.4468

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.



57.9150, -11.2971, -16.5885



63.9120, 20.2564, -10.4468



62.4310, -20.4255, 18.0390

Square

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



63.9120, 20.2564, -10.4468



64.0260, -5.9288, 35.0572



60.9730, -19.2137, 2.6547



52.9170, 12.3659, -46.4082

Rectangle

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



63.9120, 20.2564, -10.4468



66.0000, 6.9020, 26.3100



60.9730, -19.2137, 2.6547



52.4980, -2.2175, -35.5167

Sweetspot

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



63.9120, 20.2564, -10.4468



121.7420, 8.0152, -4.1587



87.8990, 3.0078, -31.4834



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.



63.9120, 20.2564, -10.4468



72.9680, 32.0608, -16.6349



62.8260, 20.7918, 4.5376



49.2710, 2.3314, -1.1147



26.2520, 44.7388, -23.0230



54.9320, 93.7035, -48.1754

Inverse Universe

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



68.9870, -3.4446, 31.5834



80.9400, -5.3934, 50.0416



94.1740, -20.7918, -4.5376



49.9080, -0.4476, 3.5887



37.4910, -7.6371, 69.7294



78.4990, -16.0220, 146.0214

Previews

White Background



This preview shows how the YUV color 63.9120, 20.2564, -10.4468 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 63.9120, 20.2564, -10.4468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

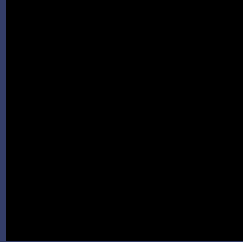
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.9120, 20.2564, -10.4468

Background



This preview shows how black text looks on a background with the YUV color 63.9120, 20.2564, -10.4468.



This preview shows how white text looks on a background with the YUV color 63.9120, 20.2564,

-10.4468.

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

63.9120, 20.2564, -10.4468

Protanopia

63.1180, 21.1408, -14.1355

Deuteranopia

61.9710, 20.7203, -19.2686



Tritanopia

61.4970, 6.1640, -17.0989

Trichromacy



Original Color

63.9120, 20.2564, -10.4468

Protanomaly

63.7160, 20.8460, -12.9059

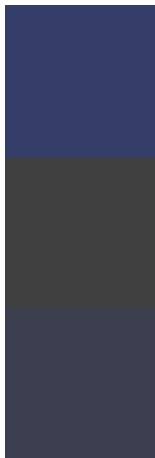
Deuteranomaly

62.5800, 20.4201, -16.2947

Tritanomaly

62.1860, 11.2473, -14.1951

Monochromacy



Original Color

63.9120, 20.2564, -10.4468

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9270, 7.4310, -3.4440

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.9120, 20.2564, -10.4468 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(52, 62, 105)` looks like.

```
.text, #text, p{  
    color:rgb(52, 62, 105)  
}
```

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(52, 62, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 62, 105) }
```

Border

The CSS property to change the border of an element to YUV 63.9120, 20.2564, -10.4468 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(52, 62, 105) }
```


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

```
.border{ border-color:rgb(52, 62, 105) }
```

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

Here you see how a box with a 4 pixel rgb(52, 62, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 62, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 62, 105);  
box-shadow:4px 4px 4px 4px rgb(52, 62,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 63.9120, 20.2564, -10.4468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 62, 105) }
```

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

```
.background{ background-color: rgb(52, 62,  
105) }
```

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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