

Converting Colors

YUV(82.2150, 20.6000,
-27.3756)

Have a look what the booklet for
YUV(82.2150, 20.6000, -27.3756)
contains.

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Color

**YUV(82.2150, 20.6000,
-27.3756)**

Conversions

Conversions Part 1

Format	Color
Hex	335A7C
RGB	51, 90, 124
RGB Percent	20%, 35%, 49%
CMY	0.8000, 0.6471, 0.5137
CMYK	0.59, 0.27, 0.00, 0.51
HSL	208°, 42%, 34%
HSV	208°, 59%, 49%
XYZ	8.6595, 9.4714, 20.4405
YIQ	82.2150, -34.1580, 2.3060

Conversions

Conversions Part 2

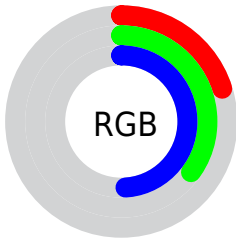
Format	Color
RYB	51, 76, 124
Decimal	3365500
CIELab	36.88, -2.93, -23.35
CIELCh	37, 23.535, 262.848
Yxy	9.4714, 0.2245, 0.2456
Android (android.graphics.Color)	4281555580 (0xFF335A7C)
YUV	82.2150, 20.6000, -27.3756
Hunter-Lab	30.7756, -3.6318, -17.8363




Details

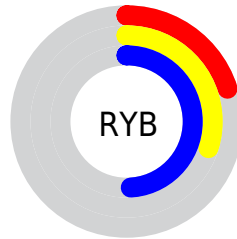
The YUV color **82.2150, 20.6000, -27.3756** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **92.7850, -20.6000, 27.3756**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1550, 21.6156, -26.4459**, and **34.9650, 19.7373, -30.6643** is the 20% darker color. If you saturate the color by 10%, you get **75.1050, 24.1052, -31.6641**, and if you desaturate by 10%, it is **89.3250, 17.0948, -23.0870**.

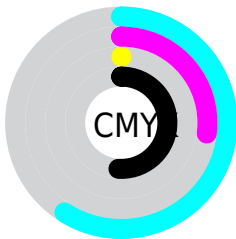
Distribution







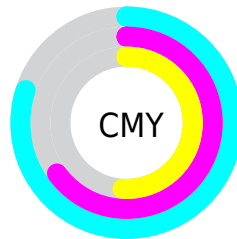
-  Red (20%)
-  Green (35%)
-  Blue (49%)






-  Red (20%)
-  Yellow (30%)
-  Blue (49%)



-  Cyan (59%)
-  Magenta (27%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (80%)
-  Magenta (65%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.2150, 20.6000, -27.3756 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 82.2150, 20.6000, -27.3756 by changing the saturation by 10% instead.

■ 82.2150, 20.6000,
-27.3756

■ 82.2150, 20.6000,
-27.3756

■ 255.0000, 0.0000,
0.0000

■ 57.1930, 20.6109,
-30.8643

■ 133.1550, 21.6156,
-26.4459

■ 34.9650, 19.7373,
-30.6643

■ 159.5680, 21.9050,
-25.9311

■ 20.0160, 15.7681,
-17.5540

■ 186.6820, 22.3418,
-26.0311

■ 4.7080, 12.9620,
-4.1289

■ 214.1120, 20.1578,
-25.5312

■ 0.2280, 0.8736,
-0.2000

■ 239.5070, 7.6380,
-23.2466

■ 0.0000, 0.0000,
0.0000

■ 251.1130, 1.9163,

-7.9921

■ 82.2150, 20.6000,
-27.3756

■ 82.2150, 20.6000,
-27.3756

■ 75.1050, 24.1052,
-31.6641

■ 89.3250, 17.0948,
-23.0870

■ 67.6960, 27.7579,
-36.5674

■ 96.7340, 13.4421,
-18.1837

■ 61.1730, 30.9737,
-41.3707

■ 103.2570, 10.2263,
-13.3804

■ 53.7640, 34.6263,
-46.2740

■ 110.6660, 6.5737,
-8.4771

■ 52.8780, 35.0631,
-46.3740

■ 117.7760, 3.0684,
-4.1886

■ 124.8860, -0.4368,
0.1000

■ 131.7080, -3.8000,
5.5181

■ 138.8180, -7.3053,
9.8066

■ 146.2270,
-10.9579, 14.7099

Harmonies

Analogous

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



73.4740, 20.9653, -51.2817



82.2150, 20.6000, -27.3756



87.7340, 16.8931, -5.0287

Triad

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



82.2150, 20.6000, -27.3756



88.2490, -7.5178, 31.3536



81.1970, -8.9711, -15.9588

Complementary

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



82.2150, 20.6000, -27.3756



92.7850, -20.6000, 27.3756

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.



83.7600, -16.1507, 0.2105



82.2150, 20.6000, -27.3756



87.2670, -14.9216, 26.0758

Square

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



82.2150, 20.6000, -27.3756



88.6320, 1.6604, 27.5097



85.6910, -18.0887, 15.1800



77.2360, 1.8557, -35.2870

Rectangle

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



82.2150, 20.6000, -27.3756



89.0840, 12.7766, 8.6963



85.6910, -18.0887, 15.1800



82.1330, -11.8976, -10.6406

Sweetspot

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



82.2150, 20.6000, -27.3756



144.1110, 8.3263, -10.6213



97.6130, -6.7112, -40.8796



71.3350, 5.2578, -6.4328



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.



82.2150, 20.6000, -27.3756



95.8030, 32.1421, -42.8002



61.6700, 30.7287, -9.3576



57.4450, 1.7526, -2.1443



53.5790, 35.2106, -46.9888



107.9730, 71.0053, -94.6923

Inverse Universe

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



77.2730, 6.2744, 40.9796



88.0400, 9.8403, 63.9859



113.3300, -30.7287, 9.3576



57.1360, 0.4260, 3.3887



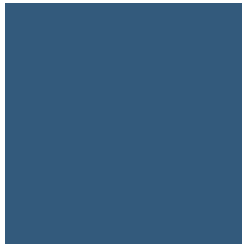
45.0130, 10.8396, 70.1486



90.7380, 21.8212, 141.4268

Previews

White Background



This preview shows how the YUV color 82.2150, 20.6000, -27.3756 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 82.2150, 20.6000, -27.3756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

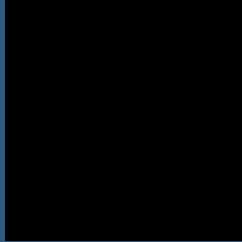
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

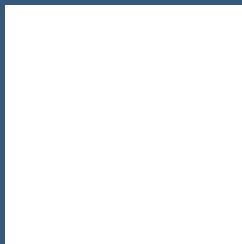
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 82.2150, 20.6000, -27.3756

Background



This preview shows how black text looks on a background with the YUV color 82.2150, 20.6000, -27.3756.

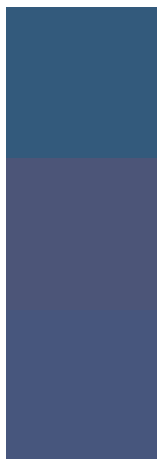


This preview shows how white text looks on a background with the YUV color 82.2150, 20.6000,

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

82.2150, 20.6000, -27.3756

Protanopia

86.2990, 16.6146, -9.0322

Deuteranopia

85.9610, 19.2462, -13.1208



Tritanopia

79.3640, 11.1595, -32.7682

Trichromacy



Original Color

82.2150, 20.6000, -27.3756

Protanomaly

84.8960, 17.7993, -15.6948

Deuteranomaly

84.4550, 19.9887, -17.9390

Tritanomaly

80.5860, 14.5011, -31.2089

Monochromacy



Original Color

82.2150, 20.6000, -27.3756

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1820, 7.3053, -9.8066

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.2150, 20.6000, -27.3756 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(51, 90, 124)` looks like.

```
.text, #text, p{  
    color:rgb(51, 90, 124)  
}
```

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(51, 90, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 90, 124) }
```

Border

The CSS property to change the border of an element to YUV 82.2150, 20.6000, -27.3756 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(51, 90, 124) }
```


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

```
.border{ border-color:rgb(51, 90, 124) }
```

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

Here you see how a box with a 4 pixel rgb(51, 90, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 90, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 90, 124);  
box-shadow:4px 4px 4px 4px rgb(51, 90,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 82.2150, 20.6000, -27.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 90, 124) }
```

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

```
.background{ background-color: rgb(51, 90,  
124) }
```

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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