

Converting Colors

YUV(84.1450, 20.1415,
-20.2982)

Have a look what the booklet for
YUV(84.1450, 20.1415, -20.2982)
contains.

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Color

**YUV(84.1450, 20.1415,
-20.2982)**

Conversions

Conversions Part 1

Format	Color
Hex	3D587D
RGB	61, 88, 125
RGB Percent	24%, 35%, 49%
CMY	0.7608, 0.6549, 0.5098
CMYK	0.51, 0.30, 0.00, 0.51
HSL	215°, 34%, 36%
HSV	215°, 51%, 49%
XYZ	9.1159, 9.4522, 20.7460
YIQ	84.1450, -27.9690, 5.7830

Conversions

Conversions Part 2

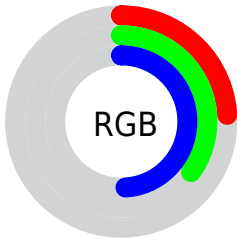
Format	Color
R_{YB}	61, 80, 125
Decimal	4020349
CIE Lab	36.84, 1.11, -23.98
CIE LCh	37, 24.007, 272.647
Yxy	9.4522, 0.2319, 0.2404
Android (android.graphics.Color)	4282210429 (0xFF3D587D)
YUV	84.1450, 20.1415, -20.2982
Hunter-Lab	30.7445, -0.8768, -18.4872

Details

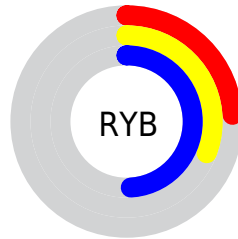
The YUV color **84.1450, 20.1415, -20.2982** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **101.8550, -20.1415, 20.2982**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.7860, 21.3045, -19.9833**, and **35.1010, 20.1632, -27.2756** is the 20% darker color. If you saturate the color by 10%, you get **76.4480, 23.9361, -24.0719**, and if you desaturate by 10%, it is **92.1410, 16.1995, -15.9097**.

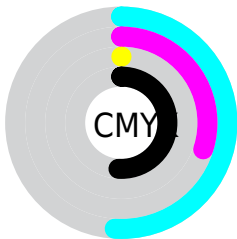
Distribution



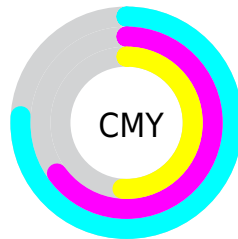
- Red (24%)
- Green (35%)
- Blue (49%)



- Red (24%)
- Yellow (31%)
- Blue (49%)



- Cyan (51%)
- Magenta (30%)
- Yellow (0%)
- Black (51%)



- Cyan (76%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.1450, 20.1415, -20.2982 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 84.1450, 20.1415, -20.2982 by changing the saturation by 10% instead.

■ 84.1450, 20.1415,
-20.2982

■ 84.1450, 20.1415,
-20.2982

■ 255.0000, 0.0000,
0.0000

■ 60.0200, 19.7101,
-21.9425

■ 134.7860, 21.3045,
-19.9833

■ 35.1010, 20.1632,
-27.2756

■ 161.1990, 21.5939,
-19.4685

■ 19.5430, 16.4943,
-17.1392

■ 188.4270, 22.4675,
-19.6685

■ 4.8220, 13.3988,
-4.2289

■ 215.6290, 19.4099,
-18.9686

■ 0.3420, 1.3104,
-0.2999

■ 240.4370, 7.1796,
-16.1692

■ 0.0000, 0.0000,
0.0000

■ 253.8040, 0.5896,

-2.4591

■ 84.1450, 20.1415,
-20.2982

■ 84.1450, 20.1415,
-20.2982

■ 76.4480, 23.9361,
-24.0719

■ 92.1410, 16.1995,
-15.9097

■ 68.4520, 27.8782,
-28.4604

■ 99.8380, 12.4049,
-12.1359

■ 59.8690, 32.1096,
-32.3341

■ 108.4210, 8.1734,
-8.2622

■ 52.1720, 35.9042,
-36.1078

■ 116.1180, 4.3788,
-4.4885

■ 45.3610, 39.2620,
-39.7816

■ 124.1140, 0.4368,
-0.1000

■ 131.8110, -3.3578,
3.6738

■ 140.0950, -7.4418,
6.9327

■ 148.0910,
-11.3839, 11.3212

■ 155.7880,
-15.1785, 15.0949

Harmonies

Analogous

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



75.4470, 21.9646, -45.1190



84.1450, 20.1415, -20.2982



88.3220, 15.1243, 2.3486

Triad

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



84.1450, 20.1415, -20.2982



87.8530, -10.2805, 30.8239



79.6630, -5.7499, -22.5065

Complementary

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



84.1450, 20.1415, -20.2982



101.8550, -20.1415, 20.2982

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.



83.0690, -14.8240, -5.3225



84.1450, 20.1415, -20.2982



86.5010, -16.5160, 24.1166

Square

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



84.1450, 20.1415, -20.2982



88.2580, -1.1132, 30.4687



85.2560, -18.3672, 11.1765



74.4460, 6.6821, -43.3641

Rectangle

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



84.1450, 20.1415, -20.2982



88.8460, 10.4289, 15.0441



85.2560, -18.3672, 11.1765



80.8980, -8.8237, -16.5735

Sweetspot

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



84.1450, 20.1415, -20.2982



147.6060, 7.5892, -7.5475



102.6720, -2.7963, -36.5463



72.2320, 4.8156, -4.5885



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.



84.1450, 20.1415, -20.2982



99.9400, 31.0886, -31.5194



69.4920, 27.3654, -3.9395



59.5590, 2.1894, -2.2442



46.2900, 40.2830, -40.5963



0.0000, 0.0000, 0.0000

Inverse Universe

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



83.2140, 2.3595, 36.6463



98.3890, 3.7522, 56.6638



116.5080, -27.3654, 3.9395



59.4350, 0.2785, 4.0035



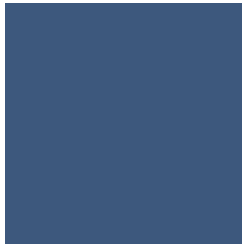
44.4280, 4.7190, 73.2926



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 84.1450, 20.1415, -20.2982 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 84.1450, 20.1415, -20.2982 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

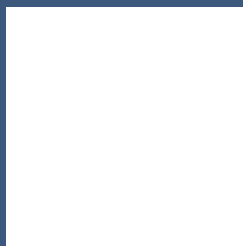
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 84.1450, 20.1415, -20.2982

Background



This preview shows how black text looks on a background with the YUV color 84.1450, 20.1415, -20.2982.



This preview shows how white text looks on a background with the YUV color 84.1450, 20.1415,

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

84.1450, 20.1415, -20.2982

Protanopia

86.3420, 18.0724, -9.9469

Deuteranopia

86.0750, 19.6830, -13.2208



Tritanopia

81.8380, 8.9539, -25.2909

Trichromacy



Original Color

84.1450, 20.1415, -20.2982

Protanomaly

85.5480, 18.9568, -13.6356

Deuteranomaly

85.4660, 19.9833, -16.1947

Tritanomaly

82.5870, 13.0216, -23.3168

Monochromacy



Original Color

84.1450, 20.1415, -20.2982

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9050, 7.4418, -6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.1450, 20.1415, -20.2982 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(61, 88, 125)` looks like.

```
.text, #text, p{  
    color:rgb(61, 88, 125)  
}
```

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(61, 88, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 88, 125) }
```

Border

The CSS property to change the border of an element to YUV 84.1450, 20.1415, -20.2982 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(61, 88, 125) }
```


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

```
.border{ border-color:rgb(61, 88, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 88, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 88, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 88, 125);  
box-shadow:4px 4px 4px 4px rgb(61, 88,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 84.1450, 20.1415, -20.2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 88, 125) }
```

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

```
.background{ background-color: rgb(61, 88,  
125) }
```

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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