

Converting Colors

YUV(87.7460, 25.2682,
-31.3492)

Have a look what the booklet for
YUV(87.7460, 25.2682, -31.3492)
contains.

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Color

**YUV(87.7460, 25.2682,
-31.3492)**

Conversions

Conversions Part 1

Format	Color
Hex	34608B
RGB	52, 96, 139
RGB Percent	20%, 38%, 55%
CMY	0.7961, 0.6235, 0.4549
CMYK	0.63, 0.31, 0.00, 0.45
HSL	210°, 46%, 37%
HSV	210°, 63%, 55%
XYZ	10.2592, 10.9599, 26.0008
YIQ	87.7460, -40.0270, 4.0450

Conversions

Conversions Part 2

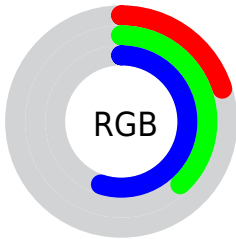
Format	Color
R_{YB}	52, 81, 139
Decimal	3432587
CIE _{Lab}	39.51, -1.21, -28.37
CIE _{LCh}	40, 28.395, 267.549
Yxy	10.9599, 0.2173, 0.2321
Android (android.graphics.Color)	4281622667 (0xFF34608B)
YUV	87.7460, 25.2682, -31.3492
Hunter-Lab	33.1057, -2.6190, -23.3917

Details

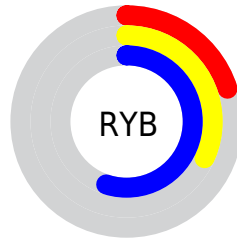
The YUV color **87.7460, 25.2682, -31.3492** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **103.2540, -25.2682, 31.3492**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.6970, 26.2784, -28.6753**, and **39.4960, 24.4055, -34.6380** is the 20% darker color. If you saturate the color by 10%, you get **79.4510, 29.3577, -36.3525**, and if you desaturate by 10%, it is **96.0410, 21.1788, -26.3460**.

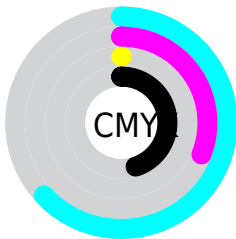
Distribution



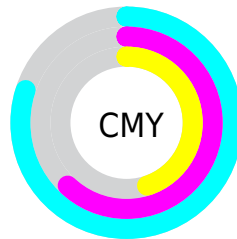
- Red (20%)
- Green (38%)
- Blue (55%)



- Red (20%)
- Yellow (32%)
- Blue (55%)



- Cyan (63%)
- Magenta (31%)
- Yellow (0%)
- Black (45%)



- Cyan (80%)
- Magenta (62%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.7460, 25.2682, -31.3492 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 87.7460, 25.2682, -31.3492 by changing the saturation by 10% instead.

■ 87.7460, 25.2682,
-31.3492

■ 87.7460, 25.2682,
-31.3492

■ 255.0000, 0.0000,
0.0000

■ 61.1260, 25.5739,
-36.0675

■ 139.6970, 26.2784,
-28.6753

■ 39.4960, 24.4055,
-34.6380

■ 166.8110, 26.7152,
-28.7752

■ 24.4330, 19.9995,
-21.4277

■ 193.9250, 27.1520,
-28.8752

■ 6.6630, 17.9141,
-5.8435

■ 219.4170, 17.5424,
-26.6757

■ 2.9810, 8.8834,
-2.6143

■ 243.9370, 5.4541,
-22.7467

■ 0.0000, 0.0000,
0.0000

■ 252.6080, 1.1793,

-4.9182

■ 87.7460, 25.2682,
-31.3492

■ 87.7460, 25.2682,
-31.3492

■ 79.4510, 29.3577,
-36.3525

■ 96.0410, 21.1788,
-26.3460

■ 71.1560, 33.4471,
-41.3558

■ 104.3360, 17.0894,
-21.3427

■ 62.8610, 37.5365,
-46.3591

■ 112.6310, 12.9999,
-16.3394

■ 56.9360, 40.4576,
-49.9329

■ 120.3390, 9.1999,
-10.8213

■ 128.6340, 5.1104,
-5.8180

■ 136.6300, 1.1684,
-1.4295

■ 144.9250, -2.9210,
3.5738

■ 153.2200, -7.0105,
8.5771

■ 161.5150,
-11.0999, 13.5803

Harmonies

Analogous

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



74.9220, 28.1395, -65.7066



87.7460, 25.2682, -31.3492



94.4400, 19.5031, -2.1399

Triad

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



87.7460, 25.2682, -31.3492



93.8970, -10.3022, 37.8013



85.4410, -9.0914, -24.0658

Complementary

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



87.7460, 25.2682, -31.3492



103.2540, -25.2682, 31.3492

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.



89.0540, -18.7606, -2.6784



87.7460, 25.2682, -31.3492



92.9640, -18.7163, 29.8496

Square

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



87.7460, 25.2682, -31.3492



95.3340, 0.3283, 34.7871



91.2520, -22.3092, 15.5650



76.9780, 6.4198, -52.6007

Rectangle

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



87.7460, 25.2682, -31.3492



95.7580, 13.9233, 14.2442



91.2520, -22.3092, 15.5650



86.5730, -12.6075, -16.2885

Sweetspot

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



87.7460, 25.2682, -31.3492



160.8550, 9.9315, -12.1508



107.8570, -6.8315, -48.9866



79.2640, 6.2788, -7.2475



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



87.7460, 25.2682, -31.3492



101.0070, 39.4365, -49.1181



62.5050, 37.7120, -9.2129



64.5590, 2.1894, -2.2442



54.4910, 38.7049, -47.7886



2.3310, 1.3158, -2.0443

Inverse Universe

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



83.0290, 6.3947, 49.0866



93.5300, 10.0917, 76.7112



128.4950, -37.7120, 9.2129



64.4350, 0.2785, 4.0035



47.4050, 9.6603, 75.0668



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 87.7460, 25.2682, -31.3492 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 × Fail

Black Background



This preview shows how the YUV color 87.7460, 25.2682, -31.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

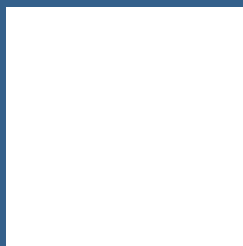
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 87.7460, 25.2682, -31.3492

Background



This preview shows how black text looks on a background with the YUV color 87.7460, 25.2682, -31.3492.

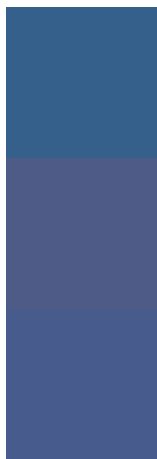


This preview shows how white text looks on a background with the YUV color 87.7460, 25.2682,

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

87.7460, 25.2682, -31.3492

Protanopia

92.1290, 21.1354, -12.3911

Deuteranopia

91.1930, 24.0619, -17.7093



Tritanopia

83.4770, 13.0758, -40.7603

Trichromacy



Original Color

87.7460, 25.2682, -31.3492

Protanomaly

90.7260, 22.3201, -19.0537

Deuteranomaly

89.6870, 24.8043, -22.5275

Tritanomaly

85.0520, 17.7224, -37.7566

Monochromacy



Original Color

87.7460, 25.2682, -31.3492

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0400, 9.3473, -11.4361

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.7460, 25.2682, -31.3492 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, 96, 139)` looks like.

```
.text, #text, p{  
    color:rgb(52, 96, 139)  
}
```

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, 96, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 96, 139) }
```

Border

The CSS property to change the border of an element to YUV 87.7460, 25.2682, -31.3492 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, 96, 139) }
```


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

```
.border{ border-color:rgb(52, 96, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 96, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 96, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 96, 139);  
box-shadow:4px 4px 4px 4px rgb(52, 96,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 87.7460, 25.2682, -31.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 96, 139) }
```

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

```
.background{ background-color: rgb(52, 96,  
139) }
```

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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