

Converting Colors

YUV(98.7760, 33.1414,
-36.6376)

Have a look what the booklet for
YUV(98.7760, 33.1414, -36.6376)
contains.

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Color

**YUV(98.7760, 33.1414,
-36.6376)**

Conversions

Conversions Part 1

Format	Color
Hex	396BA6
RGB	57, 107, 166
RGB Percent	22%, 42%, 65%
CMY	0.7765, 0.5804, 0.3490
CMYK	0.66, 0.36, 0.00, 0.35
HSL	212°, 49%, 44%
HSV	212°, 66%, 65%
XYZ	13.8280, 14.1384, 38.0766
YIQ	98.7760, -48.7390, 7.7490

Conversions

Conversions Part 2

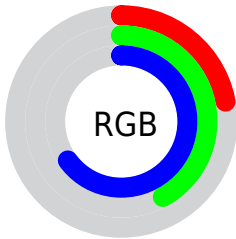
Format	Color
RYB	57, 91, 166
Decimal	3763110
CIELab	44.43, 2.49, -36.71
CIElCh	44, 36.800, 273.887
Yxy	14.1384, 0.2094, 0.2141
Android (android.graphics.Color)	4281953190 (0xFF396BA6)
YUV	98.7760, 33.1414, -36.6376
Hunter-Lab	37.6011, -0.1577, -33.7190

Details

The YUV color **98.7760, 33.1414, -36.6376** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **124.2240, -33.1414, 36.6376**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.3250, 33.8568, -32.7340**, and **48.2160, 32.4315, -42.2854** is the 20% darker color. If you saturate the color by 10%, you get **88.4100, 38.2519, -42.4556**, and if you desaturate by 10%, it is **109.1420, 28.0310, -30.8195**.

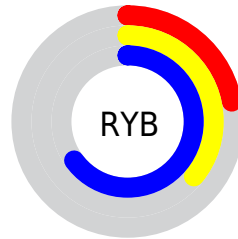
Distribution



Red (22%)

Green (42%)

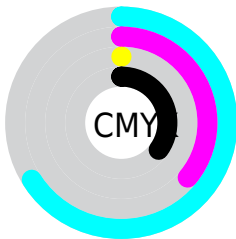
Blue (65%)



Red (22%)

Yellow (36%)

Blue (65%)

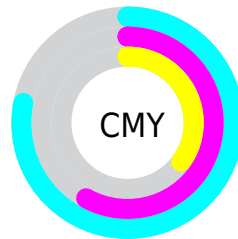


Cyan (66%)

Magenta (36%)

Yellow (0%)

Black (35%)



Cyan (78%)

Magenta (58%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.7760, 33.1414, -36.6376 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 98.7760, 33.1414, -36.6376 by changing the saturation by 10% instead.

■ 98.7760, 33.1414,
-36.6376

■ 98.7760, 33.1414,
-36.6376

■ 255.0000, 0.0000,
0.0000

■ 70.8460, 33.5999,
-43.7149

■ 152.3250, 33.8568,
-32.7340

■ 48.2160, 32.4315,
-42.2854

■ 179.8520, 34.5830,
-32.3192

■ 33.0390, 27.5888,
-28.9752

■ 204.6430, 24.8260,
-29.5049

■ 17.9760, 23.1828,
-15.7650

■ 230.3370, 12.1589,
-26.6055

■ 6.5490, 17.4773,
-5.7435

■ 247.2260, 3.8326,
-15.9842

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 98.7760, 33.1414,
-36.6376

■ 98.7760, 33.1414,
-36.6376

■ 88.4100, 38.2519,
-42.4556

■ 109.1420, 28.0310,
-30.8195

■ 78.3430, 43.2149,
-47.6588

■ 119.2090, 23.0680,
-25.6163

■ 67.9770, 48.3253,
-53.4768

■ 129.5750, 17.9575,
-19.7983

■ 63.5360, 50.5148,
-55.7211

■ 139.6420, 12.9945,
-14.5950

■ 150.0080, 7.8841,
-8.7770

■ 160.3740, 2.7736,
-2.9590

■ 170.4410, -2.1894,
2.2442

■ 180.8070, -7.2999,
8.0623

■ 190.8740,
-12.2629, 13.2655

Harmonies

Analogous

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



85.7450, 36.6077, -75.1984



98.7760, 33.1414, -36.6376



107.0370, 24.1388, 4.3526

Triad

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



98.7760, 33.1414, -36.6376



104.8830, -15.7183, 48.3376



91.4990, -7.1480, -40.7796

Complementary

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



98.7760, 33.1414, -36.6376



124.2240, -33.1414, 36.6376

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.



98.2720, -22.8121, -9.8855



98.7760, 33.1414, -36.6376



103.9340, -26.5895, 35.1379

Square

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



98.7760, 33.1414, -36.6376



106.1400, -2.0410, 48.1122



101.8900, -30.0188, 15.0055



83.3390, 12.1579, -73.0883

Rectangle

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



98.7760, 33.1414, -36.6376



108.2200, 16.6535, 25.2401



101.8900, -30.0188, 15.0055



94.6700, -13.1483, -29.5286

Sweetspot

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



98.7760, 33.1414, -36.6376



189.7560, 13.4313, -14.6950



127.5950, -6.2093, -61.9118



93.1220, 8.3209, -8.8770



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



98.7760, 33.1414, -36.6376



111.2800, 52.1200, -57.2506



70.6220, 47.0214, -8.4385



79.2600, 2.3368, -2.8590



56.7880, 44.9675, -49.8031



7.5630, 6.1314, -6.6328

Inverse Universe

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



95.2910, 5.7725, 62.0118



106.0210, 8.8636, 97.3286



152.3780, -47.0214, 8.4385



78.8480, 0.5679, 4.5183



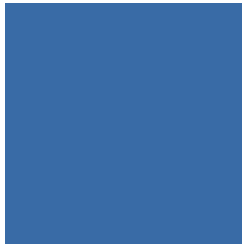
52.0040, 7.8860, 84.1885



7.0060, 0.9830, 11.3957

Previews

White Background



This preview shows how the YUV color 98.7760, 33.1414, -36.6376 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 98.7760, 33.1414, -36.6376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

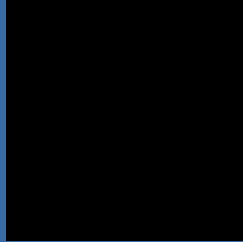
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.7760, 33.1414, -36.6376

Background



This preview shows how black text looks on a background with the YUV color 98.7760, 33.1414, -36.6376.



This preview shows how white text looks on a background with the YUV color 98.7760, 33.1414,

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

98.7760, 33.1414, -36.6376

Protanopia

103.7460, 28.7192, -18.1942

Deuteranopia

101.6030, 32.2407, -27.7158



Tritanopia

91.3230, 16.6028, -52.0263

Trichromacy



Original Color

98.7760, 33.1414, -36.6376

Protanomaly

101.7560, 30.1933, -24.3420

Deuteranomaly

100.6950, 32.6884, -31.3045

Tritanomaly

93.9630, 22.6962, -46.4486

Monochromacy



Original Color

98.7760, 33.1414, -36.6376

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0120, 11.8261, -13.1655

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.7760, 33.1414, -36.6376 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(57, 107, 166)` looks like.

```
.text, #text, p{  
    color:rgb(57, 107, 166)  
}
```

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(57, 107, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 107, 166) }
```

Border

The CSS property to change the border of an element to YUV 98.7760, 33.1414, -36.6376 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(57, 107, 166) }
```


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

```
.border{ border-color:rgb(57, 107, 166) }
```

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

Here you see how a box with a 4 pixel rgb(57, 107, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 107, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 107, 166);  
box-shadow:4px 4px 4px 4px rgb(57, 107,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 98.7760, 33.1414, -36.6376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 107, 166) }
```

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

```
.background{ background-color: rgb(57, 107,  
166) }
```

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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