

Converting Colors

YUV(90.6200, 9.5543, -31.2387)

Have a look what the booklet for
YUV(90.6200, 9.5543, -31.2387)
contains.

YUV(90.6200, 9.5543, -31.2387)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(90.6200, 9.5543,
-31.2387)**

Conversions

Conversions Part 1

Format	Color
Hex	37696E
RGB	55, 105, 110
RGB Percent	22%, 41%, 43%
CMY	0.7843, 0.5882, 0.5686
CMYK	0.50, 0.05, 0.00, 0.57
HSL	185°, 33%, 32%
HSV	185°, 50%, 43%
XYZ	9.4416, 12.0412, 16.5784
YIQ	90.6200, -31.4050, -9.0450

Conversions

Conversions Part 2

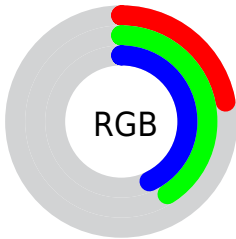
Format	Color
RYB	55, 81, 110
Decimal	3631470
CIELab	41.28, -15.34, -8.04
CIELCh	41, 17.316, 207.649
Yxy	12.0412, 0.2481, 0.3164
Android (android.graphics.Color)	4281821550 (0xFF37696E)
YUV	90.6200, 9.5543, -31.2387
Hunter-Lab	34.7004, -12.1578, -4.0360

Details

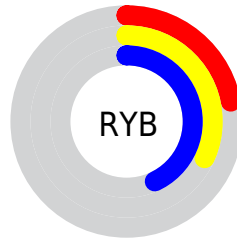
The YUV color **90.6200, 9.5543, -31.2387** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **74.3800, -9.5543, 31.2387**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.7340, 9.9911, -31.3387**, and **41.1140, 10.2968, -36.0570** is the 20% darker color. If you saturate the color by 10%, you get **86.7440, 11.4652, -37.4865**, and if you desaturate by 10%, it is **94.4960, 7.6435, -24.9910**.

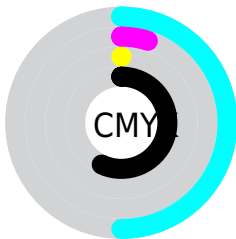
Distribution



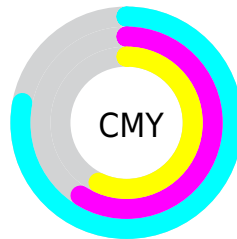
- Red (22%)
- Green (41%)
- Blue (43%)



- Red (22%)
- Yellow (32%)
- Blue (43%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)
- Black (57%)



- Cyan (78%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.6200, 9.5543, -31.2387 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 90.6200, 9.5543, -31.2387 by changing the saturation by 10% instead.

90.6200, 9.5543,
-31.2387

90.6200, 9.5543,
-31.2387

255.0000, 0.0000,
0.0000

66.0220, 9.8492,
-32.4683

141.7340, 9.9911,
-31.3387

41.1140, 10.2968,
-36.0570

168.7340, 9.9911,
-31.3387

25.8060, 7.4906,
-22.6319

196.3210, 9.7017,
-31.8535

8.2640, 6.2788,
-7.2475

224.1360, 10.2860,
-32.5683

0.0000, 0.0000,
0.0000

243.0400, 5.8963,
-24.5911

251.7110, 1.6215,

-6.7625

■ 90.6200, 9.5543,
-31.2387

■ 90.6200, 9.5543,
-31.2387

■ 86.7440, 11.4652,
-37.4865

■ 94.4960, 7.6435,
-24.9910

■ 82.8680, 13.3761,
-43.7342

■ 98.3720, 5.7326,
-18.7432

■ 78.9920, 15.2869,
-49.9820

■ 102.2480, 3.8217,
-12.4955

■ 75.1160, 17.1978,
-56.2297

■ 106.1240, 1.9109,
-6.2477

■ 71.2400, 19.1087,
-62.4775

■ 110.0000, 0.0000,
0.0000

■ 113.8760, -1.9109,
6.2477

■ 117.7520, -3.8217,
12.4955

■ 121.6280, -5.7326,
18.7432

■ 125.5040, -7.6435,
24.9910

Harmonies

Analogous

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



91.4160, 2.2599, -24.9208



90.6200, 9.5543, -31.2387



92.4940, 14.0535, -27.6202

Triad

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



90.6200, 9.5543, -31.2387



100.0970, 6.3612, 13.0699



96.8090, -13.7098, 10.6915

Complementary

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



90.6200, 9.5543, -31.2387



74.3800, -9.5543, 31.2387

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.



97.7330, -11.7004, 19.5282



90.6200, 9.5543, -31.2387



99.4310, -0.2125, 21.5470

Square

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



90.6200, 9.5543, -31.2387



98.3880, 11.6407, -0.3403



99.0200, -6.9119, 23.6615



95.0140, -11.3459, -0.8893

Rectangle

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



90.6200, 9.5543, -31.2387



94.4780, 15.0473, -19.7132



99.0200, -6.9119, 23.6615



96.9450, -13.2839, 14.0802

Sweetspot

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



90.6200, 9.5543, -31.2387



135.2480, 3.8217, -12.4955



87.8550, -13.7325, -28.8138



66.8250, 2.0583, -6.8625



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



90.6200, 9.5543, -31.2387



112.5900, 14.9921, -48.7524



74.7710, 17.3679, -17.3392



54.2060, 0.8844, -3.6887



77.6630, 20.8721, -68.1105



160.2330, 42.7761, -140.5243

Inverse Universe

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



77.1450, 13.7325, 28.8138



91.6060, 21.3932, 45.0725



90.2290, -17.3679, 17.3392



52.4780, 1.7363, 3.0888



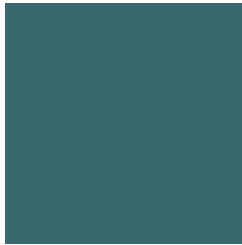
48.3060, 29.9221, 62.8756



99.5030, 61.8700, 129.3549

Previews

White Background



This preview shows how the YUV color 90.6200, 9.5543, -31.2387 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 90.6200, 9.5543, -31.2387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

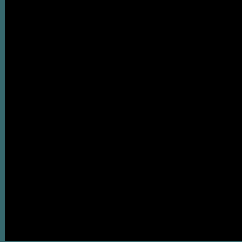
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.6200, 9.5543, -31.2387

Background



This preview shows how black text looks on a background with the YUV color 90.6200, 9.5543, -31.2387.



This preview shows how white text looks on a background with the YUV color 90.6200, 9.5543, -31.2387.

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

90.6200, 9.5543, -31.2387

Protanopia

97.0260, 3.9312, -0.8998

Deuteranopia

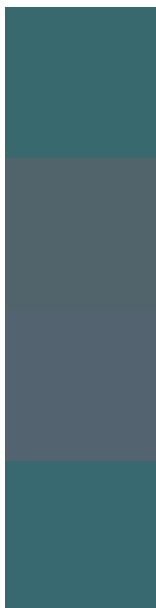
98.1340, 6.8359, 0.7595



Tritanopia

91.2610, 10.7173, -30.9239

Trichromacy



Original Color

90.6200, 9.5543, -31.2387

Protanomaly

94.5300, 6.1477, -11.8658

Deuteranomaly

95.5840, 7.6001, -11.0362

Tritanomaly

91.1470, 10.2805, -30.8239

Monochromacy



Original Color

90.6200, 9.5543, -31.2387

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.8460, 3.5269, -11.2659

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.6200, 9.5543, -31.2387 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(55, 105, 110)` looks like.

```
.text, #text, p{  
    color:rgb(55, 105, 110)  
}
```

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(55, 105, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 105, 110) }
```

Border

The CSS property to change the border of an element to YUV 90.6200, 9.5543, -31.2387 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(55, 105, 110) }
```


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

```
.border{ border-color:rgb(55, 105, 110) }
```

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

Here you see how a box with a 4 pixel rgb(55, 105, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 105, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 105, 110);  
box-shadow:4px 4px 4px 4px rgb(55, 105,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 90.6200, 9.5543, -31.2387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 105, 110) }
```

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

```
.background{ background-color: rgb(55, 105,  
110) }
```

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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