

Converting Colors

YUV(90.6140, 12.0223,
-29.4795)

Have a look what the booklet for
YUV(90.6140, 12.0223, -29.4795)
contains.

YUV(90.6140, 12.0223, -29.4795)	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(90.6140, 12.0223,
-29.4795)**

Conversions

Conversions Part 1

Format	Color
Hex	396773
RGB	57, 103, 115
RGB Percent	22%, 40%, 45%
CMY	0.7765, 0.5961, 0.5490
CMYK	0.50, 0.10, 0.00, 0.55
HSL	192°, 34%, 34%
HSV	192°, 50%, 45%
XYZ	9.6321, 11.8082, 17.9912
YIQ	90.6140, -31.2680, -6.0200

Conversions

Conversions Part 2

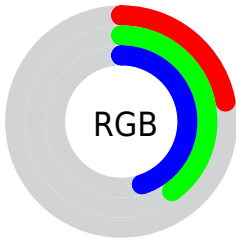
Format	Color
RYB	57, 83, 115
Decimal	3762035
CIELab	40.91, -12.19, -11.63
CIELCh	41, 16.845, 223.653
Yxy	11.8082, 0.2443, 0.2995
Android (android.graphics.Color)	4281952115 (0xFF396773)
YUV	90.6140, 12.0223, -29.4795
Hunter-Lab	34.3630, -10.1009, -6.9879

Details

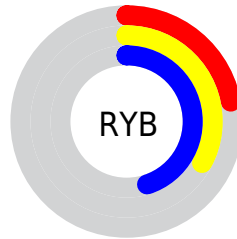
The YUV color **90.6140, 12.0223, -29.4795** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **81.3860, -12.0223, 29.4795**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.7280, 12.4591, -29.5795**, and **40.5100, 13.0596, -35.5273** is the 20% darker color. If you saturate the color by 10%, you get **86.1510, 14.2226, -35.2124**, and if you desaturate by 10%, it is **95.3760, 9.6746, -23.1318**.

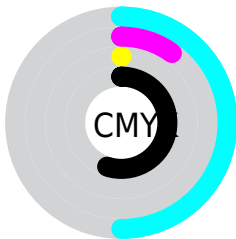
Distribution



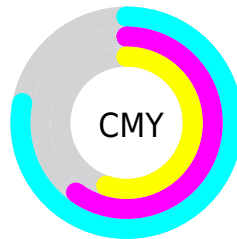
- Red (22%)
- Green (40%)
- Blue (45%)



- Red (22%)
- Yellow (33%)
- Blue (45%)



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (55%)



- Cyan (78%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.6140, 12.0223, -29.4795 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 90.6140, 12.0223, -29.4795 by changing the saturation by 10% instead.

90.6140, 12.0223,
-29.4795

90.6140, 12.0223,
-29.4795

255.0000, 0.0000,
0.0000

65.9020, 11.8803,
-30.6091

141.7280, 12.4591,
-29.5795

40.5100, 13.0596,
-35.5273

168.7280, 12.4591,
-29.5795

25.0880, 9.8166,
-22.0022

196.4290, 12.6065,
-30.1942

6.9590, 8.8942,
-6.1030

224.2440, 13.1907,
-30.9090

0.0000, 0.0000,
0.0000

243.9370, 5.4541,
-22.7467

252.6080, 1.1793,

-4.9182

■ 90.6140, 12.0223,
-29.4795

■ 90.6140, 12.0223,
-29.4795

■ 86.1510, 14.2226,
-35.2124

■ 95.3760, 9.6746,
-23.1318

■ 80.8020, 16.8596,
-41.0454

■ 100.4260, 7.1850,
-17.9136

■ 76.0400, 19.2073,
-47.3931

■ 105.1880, 4.8373,
-11.5659

■ 70.9900, 21.6969,
-52.6112

■ 110.2380, 2.3477,
-6.3477

■ 66.5270, 23.8972,
-58.3442

■ 115.0000, 0.0000,
0.0000

■ 119.4630, -2.2003,
5.7329

■ 124.8120, -4.8373,
11.5659

■ 129.2750, -7.0376,
17.2988

■ 134.0370, -9.3852,
23.6466

Harmonies

Analogous

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



90.0180, 5.9071, -28.0798



90.6140, 12.0223, -29.4795



93.3530, 14.6160, -21.3576

Triad

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



90.6140, 12.0223, -29.4795



98.6200, 3.1453, 17.8733



95.4060, -12.5252, 4.0289

Complementary

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



90.6140, 12.0223, -29.4795



81.3860, -12.0223, 29.4795

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.



96.3580, -12.9945, 14.5950



90.6140, 12.0223, -29.4795



98.8180, -3.8543, 22.9616

Square

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



90.6140, 12.0223, -29.4795



98.3350, 8.7088, 6.7222



97.6130, -9.6692, 21.3874



93.3660, -8.5614, -7.3370

Rectangle

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



90.6140, 12.0223, -29.4795



95.5930, 14.0047, -11.9211



97.6130, -9.6692, 21.3874



95.6130, -13.1202, 8.2324

Sweetspot

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



90.6140, 12.0223, -29.4795



141.0740, 4.4005, -11.4659



92.4140, -11.5431, -31.0581



71.0530, 2.9319, -7.0625



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



90.6140, 12.0223, -29.4795



111.6380, 18.9125, -46.1635



73.5910, 20.4146, -14.5503



56.0320, 1.4632, -2.6591



70.8470, 25.2184, -62.1328



144.7260, 51.9001, -126.9247

Inverse Universe

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



79.5860, 11.5431, 31.0581



94.4170, 18.0354, 48.7463



98.4090, -20.4146, 14.5503



55.2500, 0.8628, 3.2888



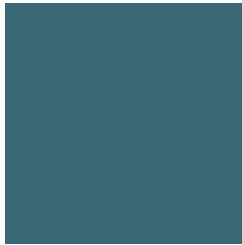
47.5360, 24.3858, 65.3049



97.3220, 49.6343, 133.8986

Previews

White Background



This preview shows how the YUV color 90.6140, 12.0223, -29.4795 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 90.6140, 12.0223, -29.4795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

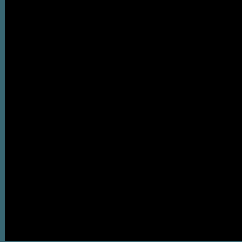
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.6140, 12.0223, -29.4795

Background



This preview shows how black text looks on a background with the YUV color 90.6140, 12.0223, -29.4795.



This preview shows how white text looks on a background with the YUV color 90.6140, 12.0223,

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

90.6140, 12.0223, -29.4795

Protanopia

96.4110, 6.6994, -2.1144

Deuteranopia

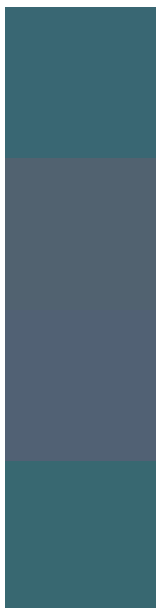
96.9210, 9.8989, -1.6847



Tritanopia

90.5600, 10.5699, -30.3091

Trichromacy



Original Color

90.6140, 12.0223, -29.4795

Protanomaly

94.5130, 8.6211, -11.8509

Deuteranomaly

94.3820, 10.6577, -11.7360

Tritanomaly

90.6740, 11.0067, -30.4091

Monochromacy



Original Color

90.6140, 12.0223, -29.4795

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.7860, 4.5425, -10.3363

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.6140, 12.0223, -29.4795 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, 103, 115)` looks like.

```
.text, #text, p{  
    color:rgb(57, 103, 115)  
}
```

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, 103, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 103, 115) }
```

Border

The CSS property to change the border of an element to YUV 90.6140, 12.0223, -29.4795 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, 103, 115) }
```


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

```
.border{ border-color:rgb(57, 103, 115) }
```

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

Here you see how a box with a 4 pixel rgb(57, 103, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 103, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 103, 115);  
box-shadow:4px 4px 4px 4px rgb(57, 103,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 90.6140, 12.0223, -29.4795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 103, 115) }
```

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

```
.background{ background-color: rgb(57, 103,  
115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor