

Converting Colors

YUV(104.4780, 34.7673,
-91.6272)

Have a look what the booklet for
YUV(104.4780, 34.7673, -91.6272)
contains.

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Color

**YUV(104.4780, 34.7673,
-91.6272)**

Conversions

Conversions Part 1

Format	Color
Hex	0090AF
RGB	0, 144, 175
RGB Percent	0%, 56%, 69%
CMY	1.0000, 0.4353, 0.3137
CMYK	1.00, 0.18, 0.00, 0.31
HSL	191°, 100%, 34%
HSV	191°, 100%, 69%
XYZ	17.7111, 23.0417, 44.0715
YIQ	104.4780, -95.7750, -20.8870

Conversions

Conversions Part 2

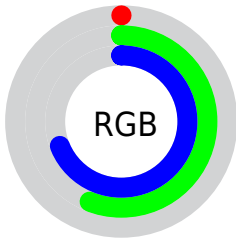
Format	Color
RYB	0, 79, 175
Decimal	37039
CIELab	55.12, -20.94, -25.33
CIELCh	55, 32.868, 230.416
Yxy	23.0417, 0.2088, 0.2716
Android (android.graphics.Color)	4278227119 (0xFF0090AF)
YUV	104.4780, 34.7673, -91.6272
Hunter-Lab	48.0017, -18.1422, -20.8342

Details

The YUV color **104.4780, 34.7673, -91.6272** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **70.5220, -34.7673, 91.6272**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3670, 29.8921, -67.8509**, and **68.4990, 26.3760, -60.0736** is the 20% darker color. If you saturate the color by 10%, you get **104.4780, 34.7673, -91.6272**, and if you desaturate by 10%, it is **111.3220, 31.3933, -82.7204**.

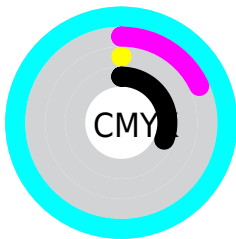
Distribution



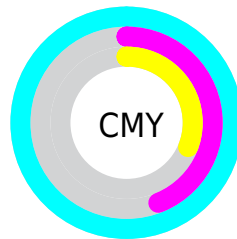
- Red (0%)
- Green (56%)
- Blue (69%)



- Red (0%)
- Yellow (31%)
- Blue (69%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.4780, 34.7673, -91.6272 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 104.4780, 34.7673, -91.6272 by changing the saturation by 10% instead.

104.4780, 34.7673,
-91.6272

104.4780, 34.7673,
-91.6272

255.0000, 0.0000,
0.0000

86.1380, 30.4980,
-75.5430

170.3670, 29.8921,
-67.8509

68.4990, 26.3760,
-60.0736

198.8080, 27.7027,
-65.6066

52.1480, 22.1120,
-45.7338

224.8010, 14.8881,
-62.0925

35.9110, 18.2849,
-31.4939

233.7710, 10.4659,
-43.6492

22.2500, 14.1738,
-19.5132

242.7410, 6.0437,
-25.2059

4.5940, 12.5252,
-4.0289

251.7110, 1.6215,

0.0000, 0.0000,

-6.7625

0.0000

■ 104.4780, 34.7673,
-91.6272

■ 111.3220, 31.3933,
-82.7204

■ 118.4650, 27.8718,
-73.1988

■ 125.6080, 24.3503,
-63.6772

■ 132.4520, 20.9762,
-54.7704

■ 140.1820, 17.1653,
-45.7636

■ 147.0260, 13.7912,
-36.8568

■ 153.8700, 10.4171,
-27.9500

■ 161.0130, 6.8956,
-18.4284

■ 168.1560, 3.3741,
-8.9068

Harmonies

Analogous

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



103.5030, 23.4160, -90.7721



104.4780, 34.7673, -91.6272



123.9660, 31.5688, -45.5742

Triad

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



104.4780, 34.7673, -91.6272



134.8770, 3.5116, 40.4499



127.8930, -24.5972, 2.7248

Complementary

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



104.4780, 34.7673, -91.6272



70.5220, -34.7673, 91.6272

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.



130.7540, -26.9937, 24.7717



104.4780, 34.7673, -91.6272



133.4790, -9.6031, 46.9379

Square

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



104.4780, 34.7673, -91.6272



135.9590, 15.7962, 20.2070



132.3460, -21.3696, 40.9156



124.0730, -14.3330, -22.8660

Rectangle

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



104.4780, 34.7673, -91.6272



130.0230, 28.5827, -21.0682



132.3460, -21.3696, 40.9156



128.7800, -26.5135, 10.7169

Sweetspot

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



104.4780, 34.7673, -91.6272



199.6240, 13.4964, -35.6272



106.0310, -37.9763, -92.9892



97.7460, 8.5062, -21.7022



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



104.4780, 34.7673, -91.6272



135.6470, 45.0370, -118.9624



53.9960, 59.6550, -47.3545



83.1350, 1.9054, -4.5034



89.8880, 29.6352, -78.8318



13.7750, 4.5479, -12.0807

Inverse Universe

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



68.7410, 37.1027, 93.1891



89.1910, 48.2198, 120.8585



121.0040, -59.6550, 47.3545



81.4890, 1.7309, 4.8331



58.9860, 32.0519, 79.8193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 104.4780, 34.7673, -91.6272 looks on a white 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

Black Background



This preview shows how the YUV color 104.4780, 34.7673, -91.6272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

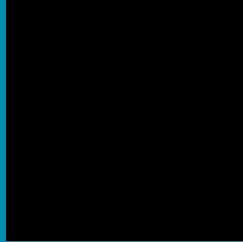
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 104.4780, 34.7673, -91.6272

Background



This preview shows how black text looks on a background with the YUV color 104.4780, 34.7673, -91.6272.

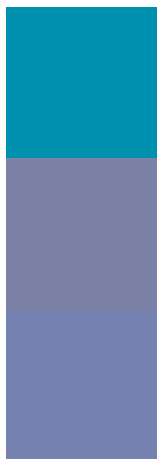


This preview shows how white text looks on a background with the YUV color 104.4780, 34.7673, -91.6272.

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

104.4780, 34.7673, -91.6272

Protanopia

131.8970, 16.3198, -7.8027

Deuteranopia

131.8840, 22.7352, -12.1763



Tritanopia

103.7140, 26.7630, -90.9572

Trichromacy



Original Color

104.4780, 34.7673, -91.6272

Protanomaly

121.8330, 23.2533, -38.4415

Deuteranomaly

121.8480, 27.1899, -41.0857

Tritanomaly

103.8110, 29.6732, -91.0422

Monochromacy



Original Color

104.4780, 34.7673, -91.6272

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.4070, 12.6173, -33.6829

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.4780, 34.7673, -91.6272 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(0, 144, 175)` looks like.

```
.text, #text, p{  
    color:rgb(0, 144, 175)  
}
```

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(0, 144, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 144, 175) }
```

Border

The CSS property to change the border of an element to YUV 104.4780, 34.7673, -91.6272 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(0, 144, 175) }
```


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

```
.border{ border-color:rgb(0, 144, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 144, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 144, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 144, 175);  
box-shadow:4px 4px 4px 4px rgb(0, 144,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 104.4780, 34.7673, -91.6272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 144, 175) }
```

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

```
.background{ background-color: rgb(0, 144,  
175) }
```

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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