

Converting Colors

YUV(123.1980, 12.7204,
-66.8256)

Have a look what the booklet for
YUV(123.1980, 12.7204, -66.8256)
contains.

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Color

**YUV(123.1980, 12.7204,
-66.8256)**

Conversions

Conversions Part 1

Format	Color
Hex	2F9D95
RGB	47, 157, 149
RGB Percent	18%, 62%, 58%
CMY	0.8157, 0.3843, 0.4157
CMYK	0.70, 0.00, 0.05, 0.38
HSL	176°, 54%, 40%
HSV	176°, 70%, 62%
XYZ	18.6541, 26.8882, 32.6405
YIQ	123.1980, -62.9920, -25.8080

Conversions

Conversions Part 2

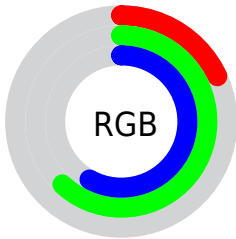
Format	Color
R_{YB}	47, 104, 157
Decimal	3120533
CIE _{Lab}	58.87, -32.15, -4.77
CIE _{LCh}	59, 32.501, 188.432
Yxy	26.8882, 0.2386, 0.3439
Android (android.graphics.Color)	4281310613 (0xFF2F9D95)
YUV	123.1980, 12.7204, -66.8256
Hunter-Lab	51.8538, -26.5300, -1.0237

Details

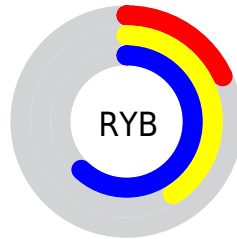
The YUV color **123.1980, 12.7204, -66.8256** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **80.8020, -12.7204, 66.8256**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.1770, 11.2517, -62.4222**, and **72.8070, 12.4201, -63.8517** is the 20% darker color. If you saturate the color by 10%, you get **118.3000, 14.6421, -76.5621**, and if you desaturate by 10%, it is **128.0960, 10.7987, -57.0892**.

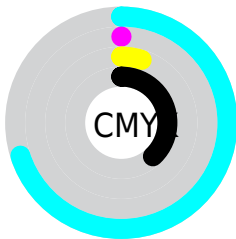
Distribution



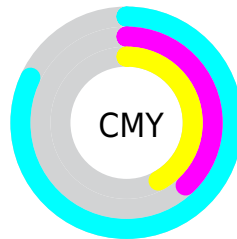
- Red (18%)
- Green (62%)
- Blue (58%)



- Red (18%)
- Yellow (41%)
- Blue (62%)



- Cyan (70%)
- Magenta (0%)
- Yellow (5%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.1980, 12.7204, -66.8256 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 123.1980, 12.7204, -66.8256 by changing the saturation by 10% instead.

■ 123.1980, 12.7204,
-66.8256

■ 123.1980, 12.7204,
-66.8256

■ 255.0000, 0.0000,
0.0000

■ 90.9190, 15.8159,
-79.7360

■ 180.1770, 11.2517,
-62.4222

■ 72.8070, 12.4201,
-63.8517

■ 209.0630, 10.8149,
-62.3223

■ 55.5100, 9.6086,
-48.6823

■ 228.6880, 12.9718,
-54.1004

■ 39.3870, 6.2182,
-34.5424

■ 237.3590, 8.6970,
-36.2718

■ 24.6660, 3.1227,
-21.6321

■ 246.3290, 4.2748,
-17.8285

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,

0.0000

■ 123.1980, 12.7204,
-66.8256

■ 123.1980, 12.7204,
-66.8256

■ 118.3000, 14.6421,
-76.5621

■ 128.0960, 10.7987,
-57.0892

■ 113.7010, 16.4164,
-85.6838

■ 132.6950, 9.0244,
-47.9675

■ 108.8030, 18.3381,
-95.4202

■ 137.5930, 7.1027,
-38.2311

■ 142.6050, 5.6177,
-28.5946

■ 147.5030, 3.6960,
-18.8581

■ 152.1020, 1.9217,
-9.7365

■ 157.0000, 0.0000,
0.0000

■ 161.8980, -1.9217,
9.7365

■ 166.4970, -3.6960,
18.8581

Harmonies

Analogous

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



130.6780, -5.2643, -38.3056



123.1980, 12.7204, -66.8256



117.6270, 28.7779, -83.8649

Triad

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



123.1980, 12.7204, -66.8256



144.4460, 20.4861, 9.2559



141.4390, -25.8524, 32.0640

Complementary

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



123.1980, 12.7204, -66.8256



80.8020, -12.7204, 66.8256

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.



143.1060, -17.3073, 44.6340



123.1980, 12.7204, -66.8256



145.2120, 8.7695, 34.0171

Square

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



123.1980, 12.7204, -66.8256



140.0120, 28.5881, -22.8125



144.1460, -4.5090, 46.3530



139.3780, -26.8084, 11.9465

Rectangle

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



123.1980, 12.7204, -66.8256



125.1220, 31.4919, -67.6360



144.1460, -4.5090, 46.3530



142.0420, -23.6847, 36.7972

Sweetspot

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



123.1980, 12.7204, -66.8256



190.8010, 5.0281, -26.1355



114.2610, -33.1597, -51.0949



94.2970, 2.8116, -15.1695



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



123.1980, 12.7204, -66.8256



151.5030, 19.9650, -103.9271



97.1080, 29.5268, -43.9447



76.4940, 0.7425, -4.8182



98.9890, 16.2744, -86.8134



10.4010, 1.7743, -9.1217

Inverse Universe

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



80.8020, -12.7204, 66.8256



85.4970, -19.9650, 103.9271



106.8920, -29.5268, 43.9447



73.5060, -0.7425, 4.8182



43.8970, -16.7112, 86.9133



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 123.1980, 12.7204, -66.8256 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 123.1980, 12.7204, -66.8256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

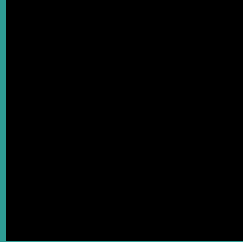
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.1980, 12.7204, -66.8256

Background



This preview shows how black text looks on a background with the YUV color 123.1980, 12.7204, -66.8256.



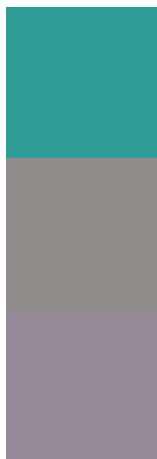
This preview shows how white text looks on a background with the YUV color 123.1980, 12.7204, -66.8256.

-66.8256.

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

123.1980, 12.7204, -66.8256

Protanopia

140.7830, -0.8790, 1.9443

Deuteranopia

142.4120, 5.2199, 5.7777



Tritanopia

126.4790, 19.9769, -60.9331

Trichromacy



Original Color

123.1980, 12.7204, -66.8256

Protanomaly

134.2960, 4.2911, -23.0616

Deuteranomaly

135.3440, 8.2114, -20.4727

Tritanomaly

125.0720, 17.2195, -63.2071

Monochromacy



Original Color

123.1980, 12.7204, -66.8256

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.6980, 4.5859, -24.2911

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.1980, 12.7204, -66.8256 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(47, 157, 149)` looks like.

```
.text, #text, p{  
    color:rgb(47, 157, 149)  
}
```

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(47, 157, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 157, 149) }
```

Border

The CSS property to change the border of an element to YUV 123.1980, 12.7204, -66.8256 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(47, 157, 149) }
```


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

```
.border{ border-color:rgb(47, 157, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 157, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 157, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 157, 149);  
box-shadow:4px 4px 4px 4px rgb(47, 157,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 123.1980, 12.7204, -66.8256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 157, 149) }
```

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

```
.background{ background-color: rgb(47, 157,  
149) }
```

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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