

Converting Colors

YUV(150.9790, -25.1326,
-12.2596)

Have a look what the booklet for
YUV(150.9790, -25.1326, -12.2596)
contains.

YUV(150.9790, -25.1326, -12.2596)	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(150.9790, -25.1326,
-12.2596)**

Conversions

Conversions Part 1

Format	Color
Hex	89A864
RGB	137, 168, 100
RGB Percent	54%, 66%, 39%
CMY	0.4627, 0.3412, 0.6078
CMYK	0.18, 0.00, 0.40, 0.34
HSL	87°, 28%, 53%
HSV	87°, 40%, 66%
XYZ	26.6194, 34.2437, 17.2633
YIQ	150.9790, 3.3520, -27.7200

Conversions

Conversions Part 2

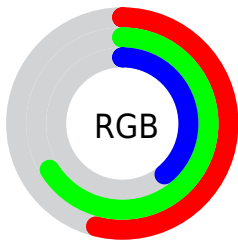
Format	Color
RYB	100, 168, 131
Decimal	9021540
CIELab	65.16, -22.68, 31.68
CIELCh	65, 38.956, 125.598
Yxy	34.2437, 0.3407, 0.4383
Android (android.graphics.Color)	4287211620 (0xFF89A864)
YUV	150.9790, -25.1326, -12.2596
Hunter-Lab	58.5181, -21.2086, 23.4717

Details

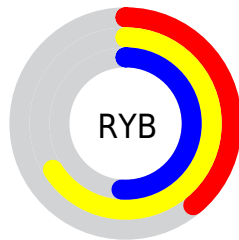
The YUV color **150.9790, -25.1326, -12.2596** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **117.0210, 25.1326, 12.2596**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.3380, -26.2956, -12.5744**, and **99.7340, -23.5329, -12.0447** is the 20% darker color. If you saturate the color by 10%, you get **146.6490, -31.3790, -15.4782**, and if you desaturate by 10%, it is **155.3090, -18.8863, -9.0410**.

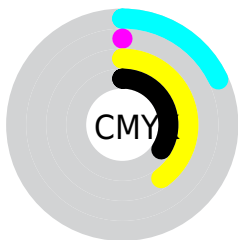
Distribution



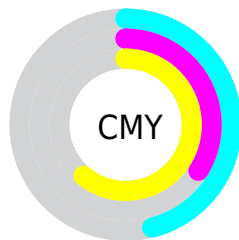
- Red (54%)
- Green (66%)
- Blue (39%)



- Red (39%)
- Yellow (66%)
- Blue (51%)



- Cyan (18%)
- Magenta (0%)
- Yellow (40%)
- Black (34%)



- Cyan (46%)
- Magenta (34%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.9790, -25.1326, -12.2596 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 150.9790, -25.1326, -12.2596 by changing the saturation by 10% instead.

■ 150.9790,
-25.1326, -12.2596

■ 150.9790,
-25.1326, -12.2596

■ 255.0000, 0.0000,
0.0000

■ 124.5060,
-24.4065, -11.8448

■ 205.3380,
-26.2956, -12.5744

■ 99.7340, -23.5329,
-12.0447

■ 234.1100,
-27.1692, -12.3745

■ 74.8480, -23.0961,
-12.1447

■ 247.4350,
-19.9345, 0.4955

■ 50.8480, -23.0961,
-12.1447

■ 252.7200, -8.7360,
1.9996

■ 30.6010, -15.0863,
-14.5591

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,

0.0000

■ 150.9790,
-25.1326, -12.2596

■ 150.9790,
-25.1326, -12.2596

■ 146.6490,
-31.3790, -15.4782

■ 155.3090,
-18.8863, -9.0410

■ 142.6180,
-37.7727, -18.0820

■ 159.3400,
-12.4926, -6.4372

■ 138.4020,
-43.5822, -21.4006

■ 163.5560, -6.6831,
-3.1186

■ 134.0720,
-49.8285, -24.6191

■ 167.8860, -0.4368,
0.1000

■ 130.0410,
-56.2222, -27.2230

■ 171.9170, 5.9569,
2.7038

■ 125.8250,
-62.0317, -30.5415

■ 176.2470, 12.2032,
5.9224

■ 180.5770, 18.4495,
9.1410

■ 184.4940, 24.4065,
11.8448

■ 188.8240, 30.6528,
15.0634

Harmonies

Analogous

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



154.8040, -32.9344, 16.8349



150.9790, -25.1326, -12.2596



144.5370, -8.1527, -45.1979

Triad

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



150.9790, -25.1326, -12.2596



136.9550, 41.4342, -83.2755



160.7280, -3.8099, 55.4895

Complementary

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



150.9790, -25.1326, -12.2596



117.0210, 25.1326, 12.2596

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.



162.5700, 12.5370, 38.9651



150.9790, -25.1326, -12.2596



153.8950, 36.0408, -33.2339

Square

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



150.9790, -25.1326, -12.2596



125.2970, 35.8426, -109.8855



161.6290, 26.3119, 7.3414



159.1890, -19.8132, 55.0852

Rectangle

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



150.9790, -25.1326, -12.2596



137.6830, 7.0583, -70.7590



161.6290, 26.3119, 7.3414



161.7860, 1.5845, 51.9307

Sweetspot

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



150.9790, -25.1326, -12.2596



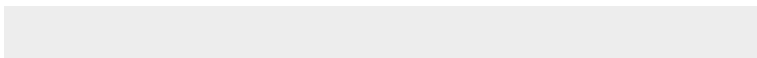
212.4480, -9.5879, -4.7779



138.5290, -18.9948, 25.8461



106.0830, -5.9569, -2.7038



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.



150.9790, -25.1326, -12.2596



192.1510, -39.5144, -19.4264



140.8130, -20.1208, -33.1620



81.8920, -2.9048, -1.6593



110.7960, -54.6224, -27.0081



15.0290, -7.4093, -3.5334

Inverse Universe

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



117.0210, 25.1326, 12.2596



138.8490, 39.5144, 19.4264



127.1870, 20.1208, 33.1620



78.1080, 2.9048, 1.6593



36.9050, 54.7698, 26.3933



4.9710, 7.4093, 3.5334

Previews

White Background



This preview shows how the YUV color 150.9790, -25.1326, -12.2596 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 150.9790, -25.1326, -12.2596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

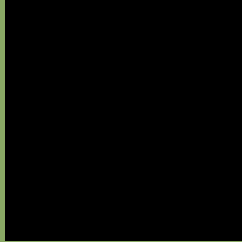
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.9790, -25.1326, -12.2596 Background



This preview shows how black text looks on a background with the YUV color 150.9790, -25.1326, -12.2596.



This preview shows how white text looks on a background with the YUV color 150.9790, -25.1326, -12.2596.

-12.2596.

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

150.9790, -25.1326, -12.2596

Protanopia

155.1180, -29.1452, 14.8055

Deuteranopia

157.0040, -26.1310, 28.0605



Tritanopia

156.8940, 7.4473, -8.6770

Trichromacy



Original Color

150.9790, -25.1326, -12.2596

Protanomaly

153.6930, -27.9496, 4.6542

Deuteranomaly

154.7310, -25.5034, 13.3909

Tritanomaly

154.4950, -4.1880, -10.0811

Monochromacy



Original Color

150.9790, -25.1326, -12.2596

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.8610, -9.2985, -4.2631

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.9790, -25.1326, -12.2596 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(137, 168, 100)` looks like.

```
.text, #text, p{  
    color:rgb(137, 168, 100)  
}
```

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(137, 168, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 168, 100) }
```

Border

The CSS property to change the border of an element to YUV 150.9790, -25.1326, -12.2596 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(137, 168, 100) }
```


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

```
.border{ border-color:rgb(137, 168, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 168, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 168, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 168, 100);  
box-shadow:4px 4px 4px 4px rgb(137, 168,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 150.9790, -25.1326, -12.2596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 168, 100) }
```

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

```
.background{ background-color: rgb(137,  
168, 100) }
```

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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