

Converting Colors

YUV(91.9410, 2.4941, -53.4453)

Have a look what the booklet for
YUV(91.9410, 2.4941, -53.4453)
contains.

YUV(91.9410, 2.4941, -53.4453)	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(91.9410, 2.4941,
-53.4453)**

Conversions

Conversions Part 1

Format	Color
Hex	1F7A61
RGB	31, 122, 97
RGB Percent	12%, 48%, 38%
CMY	0.8784, 0.5216, 0.6196
CMYK	0.75, 0.00, 0.20, 0.52
HSL	164°, 59%, 30%
HSV	164°, 75%, 48%
XYZ	9.6823, 15.0734, 13.7084
YIQ	91.9410, -46.2110, -27.0670

Conversions

Conversions Part 2

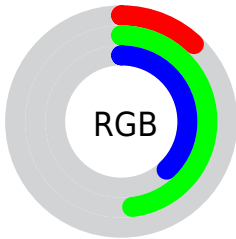
Format	Color
R_{YB}	31, 84, 122
Decimal	2062945
CIE _{Lab}	45.73, -32.58, 6.20
CIE _{LCh}	46, 33.166, 169.227
Yxy	15.0734, 0.2517, 0.3919
Android (android.graphics.Color)	4280253025 (0xFF1F7A61)
YUV	91.9410, 2.4941, -53.4453
Hunter-Lab	38.8245, -23.4276, 6.2427

Details

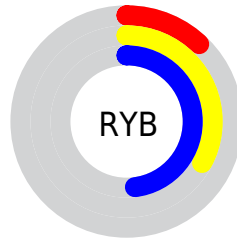
The YUV color **91.9410, 2.4941, -53.4453** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **61.0590, -2.4941, 53.4453**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5070, 0.7360, -49.5566**, and **48.0780, 1.4405, -42.1644** is the 20% darker color. If you saturate the color by 10%, you get **88.0110, 2.9526, -60.5226**, and if you desaturate by 10%, it is **95.8710, 2.0356, -46.3679**.

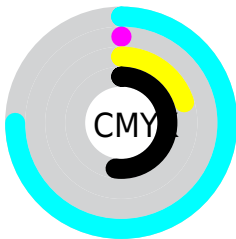
Distribution



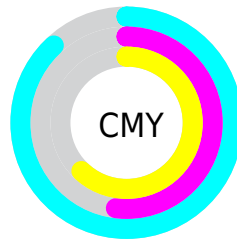
- Red (12%)
- Green (48%)
- Blue (38%)



- Red (12%)
- Yellow (33%)
- Blue (48%)



- Cyan (75%)
- Magenta (0%)
- Yellow (20%)
- Black (52%)



- Cyan (88%)
- Magenta (52%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.9410, 2.4941, -53.4453 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 91.9410, 2.4941, -53.4453 by changing the saturation by 10% instead.

91.9410, 2.4941,
-53.4453

91.9410, 2.4941,
-53.4453

255.0000, 0.0000,
0.0000

65.2610, 3.8153,
-57.2339

146.5070, 0.7360,
-49.5566

48.0780, 1.4405,
-42.1644

173.9800, 0.0099,
-49.9715

32.1830, -1.0762,
-28.2245

201.9800, 0.0099,
-49.9715

17.5930, -6.2083,
-15.4291

227.6320, 1.1674,
-47.9123

0.0000, 0.0000,
0.0000

238.8540, 7.9600,
-33.1980

247.5250, 3.6852,

-15.3694

■ 91.9410, 2.4941,
-53.4453

■ 91.9410, 2.4941,
-53.4453

■ 88.0110, 2.9526,
-60.5226

■ 95.8710, 2.0356,
-46.3679

■ 83.9670, 2.9743,
-67.5001

■ 99.9150, 2.0139,
-39.3905

■ 81.6460, 3.1325,
-71.6035

■ 104.1440, 1.4080,
-31.6983

■ 108.0740, 0.9495,
-24.6209

■ 112.1180, 0.9278,
-17.6435

■ 116.0480, 0.4693,
-10.5661

■ 119.9780, 0.0108,
-3.4887

■ 124.3210, -0.1583,
4.1035

■ 128.2510, -0.6167,
11.1809

Harmonies

Analogous

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



100.6710, -14.6278, -21.6365



91.9410, 2.4941, -53.4453



86.5650, 19.4415, -75.9175

Triad

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



91.9410, 2.4941, -53.4453



108.3940, 25.9348, -11.7465



107.9760, -20.2012, 39.4860

Complementary

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



91.9410, 2.4941, -53.4453



61.0590, -2.4941, 53.4453

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.



108.9950, -8.8715, 45.6084



91.9410, 2.4941, -53.4453



111.4750, 16.5278, 18.8774

Square

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



91.9410, 2.4941, -53.4453



96.4490, 32.3166, -52.1368



110.9800, 3.9539, 38.6055



106.5690, -26.4095, 24.0570

Rectangle

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



91.9410, 2.4941, -53.4453



87.3290, 27.4458, -76.5875



110.9800, 3.9539, 38.6055



108.3230, -16.4282, 42.6897

Sweetspot

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



91.9410, 2.4941, -53.4453



146.5090, 1.2281, -20.6174



92.1910, -30.1672, -30.8625



72.0370, 0.4748, -12.3104



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



91.9410, 2.4941, -53.4453



111.0960, 3.8967, -83.3992



83.0510, 19.2019, -45.6487



59.0920, 0.4476, -3.5887



83.7490, 3.5747, -73.4479



168.7860, 7.0075, -148.0253

Inverse Universe

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



61.0590, -2.4941, 53.4453



62.9040, -3.8967, 83.3992



69.9490, -19.2019, 45.6487



57.0220, -0.0108, 3.4887



41.2510, -3.5747, 73.4479



83.2140, -7.0075, 148.0253

Previews

White Background



This preview shows how the YUV color 91.9410, 2.4941, -53.4453 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 91.9410, 2.4941, -53.4453 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 91.9410, 2.4941, -53.4453

Background



This preview shows how black text looks on a background with the YUV color 91.9410, 2.4941, -53.4453.



This preview shows how white text looks on a background with the YUV color 91.9410, 2.4941, -53.4453.

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

91.9410, 2.4941, -53.4453

Protanopia

107.1550, -8.4574, 6.0031

Deuteranopia

108.7410, -3.8163, 10.7511



Tritanopia

97.7970, 14.3971, -44.5490

Trichromacy



Original Color

91.9410, 2.4941, -53.4453

Protanomaly

101.4620, -4.1718, -15.3142

Deuteranomaly

102.8690, -1.4144, -13.0401

Tritanomaly

95.3360, 10.1874, -47.6527

Monochromacy



Original Color

91.9410, 2.4941, -53.4453

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.1070, 0.9332, -19.3878

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.9410, 2.4941, -53.4453 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(31, 122, 97)` looks like.

```
.text, #text, p{  
    color:rgb(31, 122, 97)  
}
```

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(31, 122, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 122, 97) }
```

Border

The CSS property to change the border of an element to YUV 91.9410, 2.4941, -53.4453 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(31, 122, 97) }
```


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

```
.border{ border-color:rgb(31, 122, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 122, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 122, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 122, 97);  
box-shadow:4px 4px 4px 4px rgb(31, 122,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 91.9410, 2.4941, -53.4453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 122, 97) }
```

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

```
.background{ background-color: rgb(31, 122,  
97) }
```

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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