

Converting Colors

YUV(107.4520, 14.0742,
-81.0804)

Have a look what the booklet for
YUV(107.4520, 14.0742, -81.0804)
contains.

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Color

**YUV(107.4520, 14.0742,
-81.0804)**

Conversions

Conversions Part 1

Format	Color
Hex	0F9588
RGB	15, 149, 136
RGB Percent	6%, 58%, 53%
CMY	0.9412, 0.4157, 0.4667
CMYK	0.90, 0.00, 0.09, 0.42
HSL	174°, 82%, 32%
HSV	174°, 90%, 58%
XYZ	15.3884, 23.3740, 26.9931
YIQ	107.4520, -75.6910, -32.4510

Conversions

Conversions Part 2

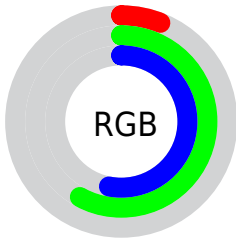
Format	Color
R_{YB}	15, 85, 149
Decimal	1021320
CIE _{Lab}	55.46, -35.48, -2.44
CIE _{LCh}	55, 35.568, 183.935
Yxy	23.3740, 0.2340, 0.3555
Android (android.graphics.Color)	4279211400 (0xFF0F9588)
YUV	107.4520, 14.0742, -81.0804
Hunter-Lab	48.3467, -27.7915, 0.7396

Details

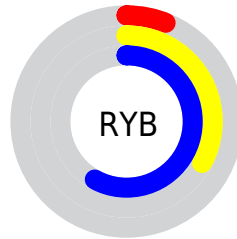
The YUV color **107.4520, 14.0742, -81.0804** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **56.5480, -14.0742, 81.0804**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5030, 10.1050, -67.9701**, and **66.7430, 9.4937, -58.5336** is the 20% darker color. If you saturate the color by 10%, you get **102.8530, 15.8485, -90.2021**, and if you desaturate by 10%, it is **112.0510, 12.2999, -71.9587**.

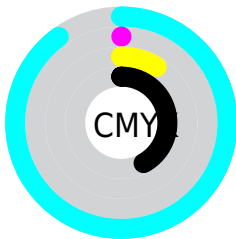
Distribution



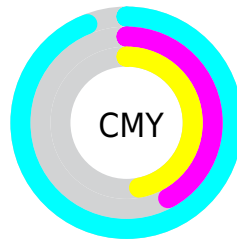
- Red (6%)
- Green (58%)
- Blue (53%)



- Red (6%)
- Yellow (33%)
- Blue (58%)



- Cyan (90%)
- Magenta (0%)
- Yellow (9%)
- Black (42%)



- Cyan (94%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.4520, 14.0742, -81.0804 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 107.4520, 14.0742, -81.0804 by changing the saturation by 10% instead.

107.4520, 14.0742,
-81.0804

107.4520, 14.0742,
-81.0804

255.0000, 0.0000,
0.0000

84.8550, 12.8895,
-74.4178

168.5030, 10.1050,
-67.9701

66.7430, 9.4937,
-58.5336

197.1010, 9.8102,
-66.7406

50.0330, 6.3927,
-43.8789

222.4650, 11.1098,
-63.5518

33.4370, 3.7286,
-29.3242

232.5750, 11.0555,
-46.1083

18.8300, 1.0698,
-16.5139

241.2460, 6.7807,
-28.2797

0.0000, 0.0000,
0.0000

250.2160, 2.3585,

-9.8364

■ 107.4520, 14.0742,
-81.0804

■ 107.4520, 14.0742,
-81.0804

■ 102.8530, 15.8485,
-90.2021

■ 112.0510, 12.2999,
-71.9587

■ 116.7640, 10.9623,
-62.9370

■ 121.3630, 9.1880,
-53.8154

■ 126.0760, 7.8505,
-44.7937

■ 130.6750, 6.0762,
-35.6720

■ 135.0890, 4.8861,
-27.2651

■ 139.6880, 3.1118,
-18.1434

■ 144.4010, 1.7743,
-9.1217

■ 149.0000, 0.0000,
0.0000

Harmonies

Analogous

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



121.2820, -8.0270, -38.8353



107.4520, 14.0742, -81.0804



105.8000, 29.6786, -92.7866

Triad

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



107.4520, 14.0742, -81.0804



135.3360, 23.9914, 4.9673



132.5320, -26.8843, 36.3674

Complementary

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



107.4520, 14.0742, -81.0804



56.5480, -14.0742, 81.0804

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.



133.9540, -16.7393, 49.1523



107.4520, 14.0742, -81.0804



136.8960, 11.3903, 33.4172

Square

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



107.4520, 14.0742, -81.0804



128.8690, 32.1096, -32.3341



135.3250, -2.6252, 48.8270



129.7160, -29.4400, 16.0351

Rectangle

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



107.4520, 14.0742, -81.0804



105.8630, 37.5355, -92.8419



135.3250, -2.6252, 48.8270



132.9610, -24.1378, 42.1302

Sweetspot

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



107.4520, 14.0742, -81.0804



177.5830, 5.6286, -32.0833



97.5450, -40.6947, -60.9910



87.3890, 3.2592, -18.7582



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



107.4520, 14.0742, -81.0804



133.8280, 20.2978, -117.3672



77.2360, 35.3797, -54.5810



71.7930, 0.5951, -4.2035



95.1420, 14.2270, -83.4395



6.8960, 1.0373, -6.0478

Inverse Universe

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



56.5480, -14.0742, 81.0804



60.1720, -20.2978, 117.3672



86.7640, -35.3797, 54.5810



69.0930, -1.0318, 4.3034



42.7440, -14.6638, 83.5395



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 107.4520, 14.0742, -81.0804 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 107.4520, 14.0742, -81.0804 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 107.4520, 14.0742, -81.0804 Background



This preview shows how black text looks on a background with the YUV color 107.4520, 14.0742, -81.0804.



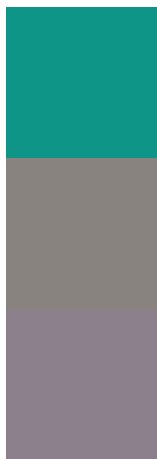
This preview shows how white text looks on a background with the YUV color 107.4520, 14.0742, -81.0804.

-81.0804.

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

107.4520, 14.0742, -81.0804

Protanopia

131.9250, -2.9210, 3.5738

Deuteranopia

133.3690, 3.7621, 6.6924



Tritanopia

115.3750, 21.0141, -66.9809

Trichromacy



Original Color

107.4520, 14.0742, -81.0804

Protanomaly

123.3340, 3.2863, -27.4799

Deuteranomaly

124.0830, 7.3541, -25.5058

Tritanomaly

112.3590, 18.5570, -72.2288

Monochromacy



Original Color

107.4520, 14.0742, -81.0804

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.1920, 5.3283, -29.1094

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.4520, 14.0742, -81.0804 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(15, 149, 136)` looks like.

```
.text, #text, p{  
    color:rgb(15, 149, 136)  
}
```

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(15, 149, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 149, 136) }
```

Border

The CSS property to change the border of an element to YUV 107.4520, 14.0742, -81.0804 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(15, 149, 136) }
```


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

```
.border{ border-color:rgb(15, 149, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 149, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 149, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 149, 136);  
box-shadow:4px 4px 4px 4px rgb(15, 149,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 107.4520, 14.0742, -81.0804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 149, 136) }
```

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

```
.background{ background-color: rgb(15, 149,  
136) }
```

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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