

Converting Colors

YUV(91.4240, 20.0040,
-69.6548)

Have a look what the booklet for
YUV(91.4240, 20.0040, -69.6548)
contains.

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Color

**YUV(91.4240, 20.0040,
-69.6548)**

Conversions

Conversions Part 1

Format	Color
Hex	0C7C84
RGB	12, 124, 132
RGB Percent	5%, 49%, 52%
CMY	0.9529, 0.5137, 0.4824
CMYK	0.91, 0.06, 0.00, 0.48
HSL	184°, 83%, 28%
HSV	184°, 91%, 52%
XYZ	11.5241, 16.1594, 24.3415
YIQ	91.4240, -69.3200, -21.2560

Conversions

Conversions Part 2

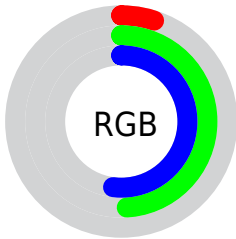
Format	Color
RYB	12, 70, 132
Decimal	818308
CIELab	47.18, -24.87, -12.45
CIELCh	47, 27.809, 206.589
Yxy	16.1594, 0.2215, 0.3106
Android (android.graphics.Color)	4279008388 (0xFF0C7C84)
YUV	91.4240, 20.0040, -69.6548
Hunter-Lab	40.1988, -19.1757, -7.7626

Details

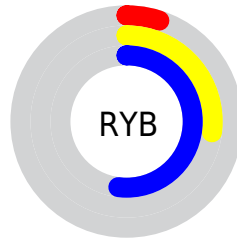
The YUV color **91.4240, 20.0040, -69.6548** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **52.5760, -20.0040, 69.6548**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.4040, 17.0558, -57.3593**, and **53.4870, 14.5499, -46.9081** is the 20% darker color. If you saturate the color by 10%, you get **87.2490, 22.0622, -76.5174**, and if you desaturate by 10%, it is **95.8980, 17.7983, -62.1775**.

Distribution



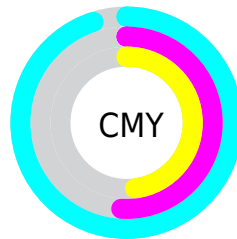
- Red (5%)
- Green (49%)
- Blue (52%)



- Red (5%)
- Yellow (27%)
- Blue (52%)



- Cyan (91%)
- Magenta (6%)
- Yellow (0%)
- Black (48%)



- Cyan (95%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.4240, 20.0040, -69.6548 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 91.4240, 20.0040, -69.6548 by changing the saturation by 10% instead.

■ 91.4240, 20.0040,
-69.6548

■ 91.4240, 20.0040,
-69.6548

■ 255.0000, 0.0000,
0.0000

■ 70.3110, 18.0877,
-61.6627

■ 150.4040, 17.0558,
-57.3593

■ 53.4870, 14.5499,
-46.9081

■ 178.7030, 16.9084,
-56.7445

■ 36.7770, 11.4489,
-32.2534

■ 207.0020, 16.7610,
-56.1298

■ 23.1160, 7.3378,
-20.2727

■ 230.1830, 12.2348,
-51.0265

■ 2.5250, 7.1362,
-2.2144

■ 238.8540, 7.9600,
-33.1980

■ 0.0000, 0.0000,
0.0000

■ 247.5250, 3.6852,

-15.3694

■ 91.4240, 20.0040,
-69.6548

■ 91.4240, 20.0040,
-69.6548

■ 87.2490, 22.0622,
-76.5174

■ 95.8980, 17.7983,
-62.1775

■ 100.3720, 15.5926,
-54.7002

■ 105.1450, 13.2395,
-46.6082

■ 109.6190, 11.0338,
-39.1309

■ 113.5060, 9.1175,
-31.1388

■ 117.9800, 6.9119,
-23.6615

■ 122.4540, 4.7062,
-16.1842

■ 127.2270, 2.3531,
-8.0921

■ 131.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



99.1530, 4.3616, -45.7382



91.4240, 20.0040, -69.6548



97.3960, 25.9338, -58.2293

Triad

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



91.4240, 20.0040, -69.6548



115.4060, 11.1388, 20.6919



110.8500, -22.6040, 16.7946

Complementary

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



91.4240, 20.0040, -69.6548



52.5760, -20.0040, 69.6548

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.



111.9750, -18.7217, 31.5939



91.4240, 20.0040, -69.6548



114.7470, 0.6177, 35.3019

Square

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



91.4240, 20.0040, -69.6548



113.5540, 19.9399, -2.2399



113.1960, -10.4496, 38.4161



108.2390, -19.3448, -1.9636

Rectangle

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



91.4240, 20.0040, -69.6548



104.2180, 26.0215, -39.6562



113.1960, -10.4496, 38.4161



111.2960, -22.3309, 22.5424

Sweetspot

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



91.4240, 20.0040, -69.6548



155.4850, 7.6489, -26.7353



83.3520, -31.2325, -62.5757



77.4540, 4.7062, -16.1842



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



91.4240, 20.0040, -69.6548



112.8270, 28.6793, -98.9493



56.2040, 37.3674, -38.7669



64.2060, 0.8844, -3.6887



85.8470, 21.7674, -75.2878



1.5160, 0.7316, -1.3295

Inverse Universe

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



60.6480, 31.2325, 62.5757



69.2550, 44.2443, 89.2304



87.7960, -37.3674, 38.7669



62.4780, 1.7363, 3.0888



52.6640, 33.6896, 67.8237



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 91.4240, 20.0040, -69.6548 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 91.4240, 20.0040, -69.6548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

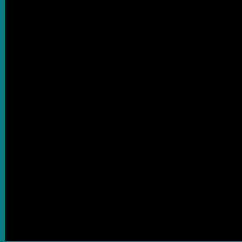
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.4240, 20.0040, -69.6548

Background



This preview shows how black text looks on a background with the YUV color 91.4240, 20.0040, -69.6548.

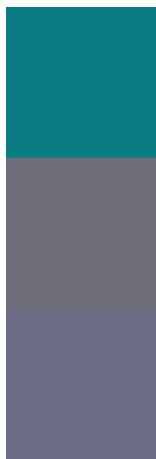


This preview shows how white text looks on a background with the YUV color 91.4240, 20.0040,

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

91.4240, 20.0040, -69.6548

Protanopia

112.0690, 5.3890, -1.8145

Deuteranopia

112.2630, 11.2093, -1.9847



Tritanopia

92.8480, 20.2879, -67.3957

Trichromacy



Original Color

91.4240, 20.0040, -69.6548

Protanomaly

104.5820, 10.5591, -26.8204

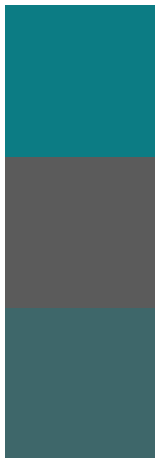
Deuteranomaly

104.3200, 14.6322, -26.5906

Tritanomaly

92.4350, 19.9985, -67.9105

Monochromacy



Original Color

91.4240, 20.0040, -69.6548

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0830, 7.3541, -25.5058

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.4240, 20.0040, -69.6548 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(12, 124, 132)` looks like.

```
.text, #text, p{  
    color:rgb(12, 124, 132)  
}
```

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(12, 124, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 124, 132) }
```

Border

The CSS property to change the border of an element to YUV 91.4240, 20.0040, -69.6548 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(12, 124, 132) }
```


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

```
.border{ border-color:rgb(12, 124, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 124, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 124, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 124, 132);  
box-shadow:4px 4px 4px 4px rgb(12, 124,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 91.4240, 20.0040, -69.6548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 124, 132) }
```

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

```
.background{ background-color: rgb(12, 124,  
132) }
```

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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