

Converting Colors

YUV(93.7250, 16.8976,
-53.2558)

Have a look what the booklet for
YUV(93.7250, 16.8976, -53.2558)
contains.

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Color

**YUV(93.7250, 16.8976,
-53.2558)**

Conversions

Conversions Part 1

Format	Color
Hex	217680
RGB	33, 118, 128
RGB Percent	13%, 46%, 50%
CMY	0.8706, 0.5373, 0.4980
CMYK	0.74, 0.08, 0.00, 0.50
HSL	186°, 59%, 32%
HSV	186°, 74%, 50%
XYZ	11.0019, 14.8387, 22.7064
YIQ	93.7250, -53.8700, -14.9100

Conversions

Conversions Part 2

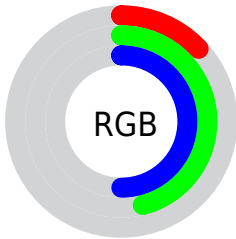
Format	Color
RYB	33, 78, 128
Decimal	2193024
CIELab	45.41, -21.03, -12.72
CIELCh	45, 24.579, 211.161
Yxy	14.8387, 0.2266, 0.3057
Android (android.graphics.Color)	4280383104 (0xFF217680)
YUV	93.7250, 16.8976, -53.2558
Hunter-Lab	38.5210, -16.4308, -7.9840

Details

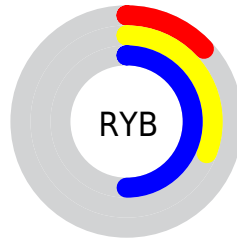
The YUV color **93.7250, 16.8976, -53.2558** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **67.2750, -16.8976, 53.2558**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.2310, 16.1551, -48.4376**, and **49.5090, 14.5391, -43.4194** is the 20% darker color. If you saturate the color by 10%, you get **89.2510, 19.1033, -60.7331**, and if you desaturate by 10%, it is **98.1990, 14.6919, -45.7785**.

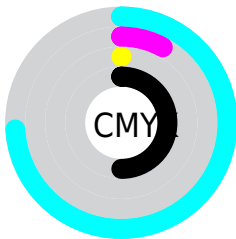
Distribution



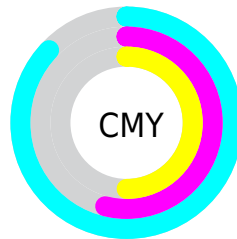
- Red (13%)
- Green (46%)
- Blue (50%)



- Red (13%)
- Yellow (31%)
- Blue (50%)



- Cyan (74%)
- Magenta (8%)
- Yellow (0%)
- Black (50%)



- Cyan (87%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.7250, 16.8976, -53.2558 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 93.7250, 16.8976, -53.2558 by changing the saturation by 10% instead.

■ 93.7250, 16.8976,
-53.2558

■ 93.7250, 16.8976,
-53.2558

■ 255.0000, 0.0000,
0.0000

■ 66.3330, 18.0768,
-58.1740

■ 148.2310, 16.1551,
-48.4376

■ 49.5090, 14.5391,
-43.4194

■ 176.1170, 15.7183,
-48.3376

■ 33.9730, 10.8593,
-29.7943

■ 204.2310, 16.1551,
-48.4376

■ 20.4260, 7.1850,
-17.9136

■ 231.6780, 11.4977,
-47.9526

■ 1.3680, 5.2416,
-1.1997

■ 240.3490, 7.2229,
-30.1241

■ 0.0000, 0.0000,
0.0000

■ 249.0200, 2.9481,

-12.2955

■ 93.7250, 16.8976,
-53.2558

■ 93.7250, 16.8976,
-53.2558

■ 89.2510, 19.1033,
-60.7331

■ 98.1990, 14.6919,
-45.7785

■ 84.1900, 21.5983,
-67.6956

■ 103.2600, 12.1968,
-38.8160

■ 82.0970, 22.6302,
-71.9991

■ 107.4350, 10.1385,
-31.9535

■ 111.9090, 7.9329,
-24.4762

■ 116.9700, 5.4378,
-17.5137

■ 121.4440, 3.2321,
-10.0364

■ 125.9180, 1.0264,
-2.5591

■ 130.6800, -1.3212,
3.7886

■ 135.1540, -3.5269,
11.2659

Harmonies

Analogous

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



97.1150, 5.3663, -41.3199



93.7250, 16.8976, -53.2558



98.1590, 22.1066, -43.9894

Triad

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



93.7250, 16.8976, -53.2558



110.4230, 8.6655, 20.6770



105.9250, -19.6830, 13.2208

Complementary

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



93.7250, 16.8976, -53.2558



67.2750, -16.8976, 53.2558

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.



107.5830, -17.5424, 26.6757



93.7250, 16.8976, -53.2558



109.8560, -1.4080, 31.6983

Square

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



93.7250, 16.8976, -53.2558



109.3650, 16.5821, 1.4339



109.0490, -10.8702, 33.2830



104.1400, -15.8450, -4.5078

Rectangle

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



93.7250, 16.8976, -53.2558



102.6600, 22.3526, -29.5198



109.0490, -10.8702, 33.2830



106.6590, -19.5519, 17.8391

Sweetspot

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



93.7250, 16.8976, -53.2558



152.5890, 6.6116, -20.6876



89.7910, -23.5610, -49.8057



76.2480, 3.8217, -12.4955



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



93.7250, 16.8976, -53.2558



112.3560, 26.4465, -82.7502



66.1360, 30.4990, -29.0603



61.3200, 1.3212, -3.7886



81.5100, 22.9196, -71.4843



0.0000, 0.0000, 0.0000

Inverse Universe

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



71.0950, 23.1242, 49.9057



77.3000, 35.8411, 77.7899



94.8640, -30.4990, 29.0603



59.7770, 1.5889, 3.7036



51.2680, 30.9269, 67.2940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 93.7250, 16.8976, -53.2558 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 93.7250, 16.8976, -53.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

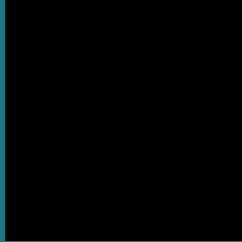
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.7250, 16.8976, -53.2558

Background



This preview shows how black text looks on a background with the YUV color 93.7250, 16.8976, -53.2558.

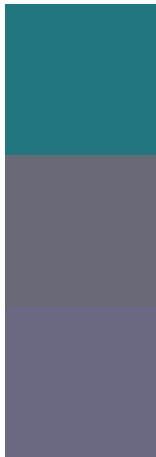


This preview shows how white text looks on a background with the YUV color 93.7250, 16.8976,

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

93.7250, 16.8976, -53.2558

Protanopia

107.2970, 6.2626, -2.0145

Deuteranopia

107.9640, 11.3567, -2.5994



Tritanopia

93.7250, 16.8976, -53.2558

Trichromacy



Original Color

93.7250, 16.8976, -53.2558

Protanomaly

102.2130, 10.2480, -20.3578

Deuteranomaly

103.0110, 13.3056, -21.0576

Tritanomaly

93.7250, 16.8976, -53.2558

Monochromacy



Original Color

93.7250, 16.8976, -53.2558

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0730, 5.8800, -19.3580

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.7250, 16.8976, -53.2558 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(33, 118, 128)` looks like.

```
.text, #text, p{  
    color:rgb(33, 118, 128)  
}
```

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(33, 118, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 118, 128) }
```

Border

The CSS property to change the border of an element to YUV 93.7250, 16.8976, -53.2558 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(33, 118, 128) }
```


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

```
.border{ border-color:rgb(33, 118, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 118, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 118, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 118, 128);  
box-shadow:4px 4px 4px 4px rgb(33, 118,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 93.7250, 16.8976, -53.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 118, 128) }
```

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

```
.background{ background-color: rgb(33, 118,  
128) }
```

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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