

Converting Colors

YUV(92.7960, 15.8766,
-52.4411)

Have a look what the booklet for
YUV(92.7960, 15.8766, -52.4411)
contains.

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Color

**YUV(92.7960, 15.8766,
-52.4411)**

Conversions

Conversions Part 1

Format	Color
Hex	21757D
RGB	33, 117, 125
RGB Percent	13%, 46%, 49%
CMY	0.8706, 0.5412, 0.5098
CMYK	0.74, 0.06, 0.00, 0.51
HSL	185°, 58%, 31%
HSV	185°, 74%, 49%
XYZ	10.6902, 14.5266, 21.6425
YIQ	92.7960, -52.6320, -15.3200

Conversions

Conversions Part 2

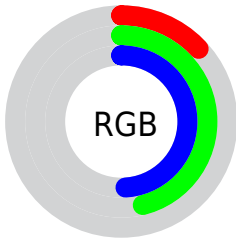
Format	Color
R_{YB}	33, 77, 125
Decimal	2192765
CIE _{Lab}	44.98, -21.49, -11.58
CIE _{LCh}	45, 24.411, 208.330
Yxy	14.5266, 0.2281, 0.3100
Android (android.graphics.Color)	4280382845 (0xFF21757D)
YUV	92.7960, 15.8766, -52.4411
Hunter-Lab	38.1138, -16.6333, -6.9876




Details

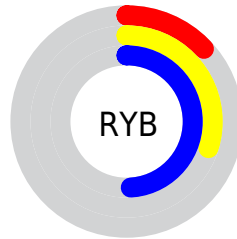
The YUV color **92.7960, 15.8766, -52.4411** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **65.2040, -15.8766, 52.4411**, and the grayscale version is **93.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **147.3020, 15.1341, -47.6229**, and **48.5800, 13.5181, -42.6047** is the 20% darker color. If you saturate the color by 10%, you get **88.6210, 17.9348, -59.3036**, and if you desaturate by 10%, it is **97.2700, 13.6709, -44.9638**.

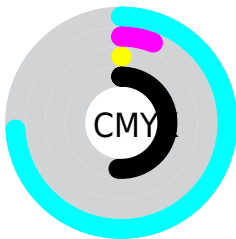
Distribution







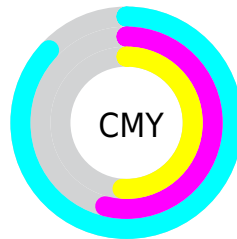
-  Red (13%)
-  Green (46%)
-  Blue (49%)






-  Red (13%)
-  Yellow (30%)
-  Blue (49%)



-  Cyan (74%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (87%)
-  Magenta (54%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.7960, 15.8766, -52.4411 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 92.7960, 15.8766, -52.4411 by changing the saturation by 10% instead.

92.7960, 15.8766,
-52.4411

92.7960, 15.8766,
-52.4411

255.0000, 0.0000,
0.0000

65.4040, 17.0558,
-57.3593

147.3020, 15.1341,
-47.6229

48.5800, 13.5181,
-42.6047

174.8890, 14.8447,
-48.1377

33.0440, 9.8383,
-28.9796

202.8890, 14.8447,
-48.1377

19.4970, 6.1640,
-17.0989

230.7920, 11.9345,
-48.0526

0.7980, 3.0576,
-0.6998

240.0500, 7.3704,
-30.7388

0.0000, 0.0000,
0.0000

248.7210, 3.0955,

-12.9103

■ 92.7960, 15.8766,
-52.4411

■ 92.7960, 15.8766,
-52.4411

■ 88.6210, 17.9348,
-59.3036

■ 97.2700, 13.6709,
-44.9638

■ 84.1470, 20.1405,
-66.7809

■ 101.4450, 11.6126,
-38.1013

■ 81.1680, 21.6092,
-71.1843

■ 105.9190, 9.4069,
-30.6240

■ 110.0940, 7.3487,
-23.7614

■ 114.5680, 5.1430,
-16.2841

■ 119.3300, 2.7953,
-9.9364

■ 123.8040, 0.5896,
-2.4591

■ 127.9790, -1.4686,
4.4034

■ 132.4530, -3.6743,
11.8807

Harmonies

Analogous

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



95.8980, 4.4873, -39.3755



92.7960, 15.8766, -52.4411



96.3330, 21.5278, -45.0190

Triad

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



92.7960, 15.8766, -52.4411



109.5260, 9.1077, 18.8327



105.3380, -19.3936, 13.7356

Complementary

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



92.7960, 15.8766, -52.4411



65.2040, -15.8766, 52.4411

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.



106.6970, -17.1056, 26.5757



92.7960, 15.8766, -52.4411



108.7850, -0.3870, 30.8836

Square

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



92.7960, 15.8766, -52.4411



108.0550, 16.7349, -0.9252



107.6900, -9.7072, 33.5979



103.0370, -16.2872, -2.6634

Rectangle

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



92.7960, 15.8766, -52.4411



101.2360, 22.0687, -31.7790



107.6900, -9.7072, 33.5979



105.4850, -18.9731, 18.8687

Sweetspot

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



92.7960, 15.8766, -52.4411



150.4750, 6.1748, -20.5876



87.9160, -23.1296, -48.1613



74.2480, 3.8217, -12.4955



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



92.7960, 15.8766, -52.4411



113.1990, 24.5519, -81.7355



65.7940, 29.1886, -28.7603



61.3200, 1.3212, -3.7886



82.6840, 22.3408, -72.5139



0.0000, 0.0000, 0.0000

Inverse Universe

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



70.0840, 23.1296, 48.1613



77.6910, 36.1413, 74.8160



92.2060, -29.1886, 28.7603



59.7770, 1.5889, 3.7036



51.4960, 31.8005, 67.0940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 92.7960, 15.8766, -52.4411 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 92.7960, 15.8766, -52.4411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

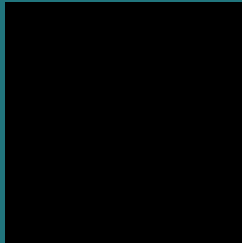
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.7960, 15.8766, -52.4411

Background



This preview shows how black text looks on a background with the YUV color 92.7960, 15.8766, -52.4411.



This preview shows how white text looks on a background with the YUV color 92.7960, 15.8766,

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

92.7960, 15.8766, -52.4411

Protanopia

106.0690, 5.3890, -1.8145

Deuteranopia

107.0350, 10.3357, -1.7847



Tritanopia

93.2090, 16.1660, -51.9263

Trichromacy



Original Color

92.7960, 15.8766, -52.4411

Protanomaly

100.9850, 9.3744, -20.1578

Deuteranomaly

102.0820, 12.2846, -20.2429

Tritanomaly

93.2090, 16.1660, -51.9263

Monochromacy



Original Color

92.7960, 15.8766, -52.4411

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.0730, 5.8800, -19.3580

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.7960, 15.8766, -52.4411 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, 117, 125)` looks like.

```
.text, #text, p{  
    color:rgb(33, 117, 125)  
}
```

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, 117, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 117, 125) }
```

Border

The CSS property to change the border of an element to YUV 92.7960, 15.8766, -52.4411 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, 117, 125) }
```


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

```
.border{ border-color:rgb(33, 117, 125) }
```

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

Here you see how a box with a 4 pixel rgb(33, 117, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 117, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 117, 125);  
box-shadow:4px 4px 4px 4px rgb(33, 117,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 92.7960, 15.8766, -52.4411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 117, 125) }
```

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

```
.background{ background-color: rgb(33, 117,  
125) }
```

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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