

Converting Colors

YUV(95.1010, 3.4012, -17.6286)

Have a look what the booklet for
YUV(95.1010, 3.4012, -17.6286)
contains.

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Color

**YUV(95.1010, 3.4012,
-17.6286)**

Conversions

Conversions Part 1

Format	Color
Hex	4B6866
RGB	75, 104, 102
RGB Percent	29%, 41%, 40%
CMY	0.7059, 0.5922, 0.6000
CMYK	0.28, 0.00, 0.02, 0.59
HSL	176°, 16%, 35%
HSV	176°, 28%, 41%
XYZ	10.2502, 12.3558, 14.4150
YIQ	95.1010, -16.6420, -6.7700

Conversions

Conversions Part 2

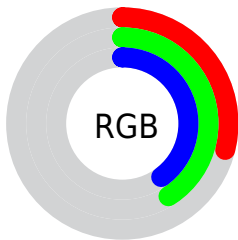
Format	Color
RYB	75, 90, 104
Decimal	4941926
CIELab	41.78, -11.04, -2.32
CIELCh	42, 11.280, 191.864
Yxy	12.3558, 0.2769, 0.3338
Android (android.graphics.Color)	4283132006 (0xFF4B6866)
YUV	95.1010, 3.4012, -17.6286
Hunter-Lab	35.1508, -9.4620, 0.2913

Details

The YUV color **95.1010, 3.4012, -17.6286** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **83.8990, -3.4012, 17.6286**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.8020, 3.5486, -18.2434**, and **48.4000, 3.2538, -17.0138** is the 20% darker color. If you saturate the color by 10%, you get **91.9970, 4.4385, -23.6764**, and if you desaturate by 10%, it is **98.2050, 2.3639, -11.5808**.

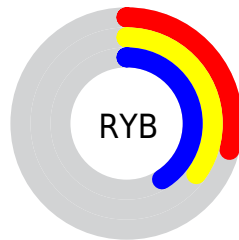
Distribution



Red (29%)

Green (41%)

Blue (40%)



Red (29%)

Yellow (35%)

Blue (41%)

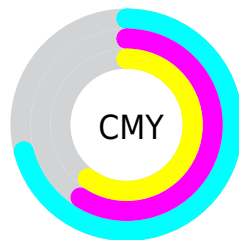


Cyan (28%)

Magenta (0%)

Yellow (2%)

Black (59%)



Cyan (71%)

Magenta (59%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.1010, 3.4012, -17.6286 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 95.1010, 3.4012, -17.6286 by changing the saturation by 10% instead.

■ 95.1010, 3.4012,
-17.6286

■ 95.1010, 3.4012,
-17.6286

■ 255.0000, 0.0000,
0.0000

■ 71.4000, 3.2538,
-17.0138

■ 145.8020, 3.5486,
-18.2434

■ 48.4000, 3.2538,
-17.0138

■ 172.5030, 3.6960,
-18.8581

■ 26.2150, 3.8380,
-17.7286

■ 200.0900, 3.4066,
-19.3729

■ 8.4120, 1.7689,
-7.3773

■ 227.7910, 3.5540,
-19.9877

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,
-12.9103

95.1010, 3.4012,
-17.6286

95.1010, 3.4012,
-17.6286

91.9970, 4.4385,
-23.6764

98.2050, 2.3639,
-11.5808

88.7080, 6.0600,
-30.4389

101.4940, 0.7425,
-4.8182

85.6040, 7.0972,
-36.4867

104.5980, -0.2948,
1.2296

82.2010, 8.2819,
-43.1493

108.0010, -1.4795,
7.8921

79.0970, 9.3192,
-49.1971

111.1050, -2.5168,
13.9399

76.1070, 10.7932,
-55.3448

114.0950, -3.9908,
20.0877

72.7040, 11.9779,
-62.0074

117.4980, -5.1755,
26.7503

72.1060, 12.2727,

120.6020, -6.2128,

-63.2370

32.7980

■ 123.8910, -7.8343,
39.5606

Harmonies

Analogous

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



96.0540, -1.9986, -12.3254



95.1010, 3.4012, -17.6286



95.5400, 7.6218, -18.0136

Triad

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



95.1010, 3.4012, -17.6286



99.9280, 5.9515, 4.4481



98.7750, -8.7631, 10.7213

Complementary

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



95.1010, 3.4012, -17.6286



83.8990, -3.4012, 17.6286

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.



99.4920, -6.1586, 15.3545



95.1010, 3.4012, -17.6286



100.6470, 2.1460, 11.7106

Square

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



95.1010, 3.4012, -17.6286



98.6710, 9.0362, -4.9735



100.1160, -2.5222, 15.6843



97.7310, -8.7414, 3.7439

Rectangle

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



95.1010, 3.4012, -17.6286



96.6050, 9.0687, -15.4396



100.1160, -2.5222, 15.6843



99.0140, -7.8949, 12.2657

Sweetspot

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



95.1010, 3.4012, -17.6286



131.5970, 1.1847, -6.6626



92.6210, -8.6872, -13.6996



66.7930, 0.5951, -4.2035



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



95.1010, 3.4012, -17.6286



121.5020, 5.1755, -26.7503



88.2850, 7.7475, -11.6509



49.5050, 0.7370, -3.0739



79.7030, 13.4574, -69.8995



167.8180, 28.6837, -147.1764

Inverse Universe

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



83.8990, -3.4012, 17.6286



104.4980, -5.1755, 26.7503



90.7150, -7.7475, 11.6509



47.4950, -0.7370, 3.0739



35.2970, -13.4574, 69.8995



74.2960, -28.2469, 147.0764

Previews

White Background



This preview shows how the YUV color 95.1010, 3.4012, -17.6286 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 95.1010, 3.4012, -17.6286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

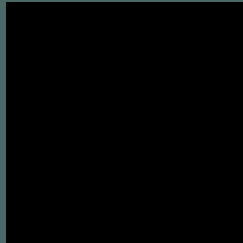
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.1010, 3.4012, -17.6286

Background



This preview shows how black text looks on a background with the YUV color 95.1010, 3.4012, -17.6286.



This preview shows how white text looks on a background with the YUV color 95.1010, 3.4012, -17.6286.

-17.6286.

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

95.1010, 3.4012, -17.6286

Protanopia

98.5980, -0.2948, 1.2296

Deuteranopia

99.0160, 2.4571, 5.2480



Tritanopia

96.1380, 7.3270, -16.7840

Trichromacy



Original Color

95.1010, 3.4012, -17.6286

Protanomaly

97.1950, 0.8899, -5.4330

Deuteranomaly

97.3740, 2.7736, -2.9590

Tritanomaly

95.4970, 6.1640, -17.0989

Monochromacy



Original Color

95.1010, 3.4012, -17.6286

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0100, 1.4741, -6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.1010, 3.4012, -17.6286 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(75, 104, 102)` looks like.

```
.text, #text, p{  
    color:rgb(75, 104, 102)  
}
```

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(75, 104, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 104, 102) }
```

Border

The CSS property to change the border of an element to YUV 95.1010, 3.4012, -17.6286 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(75, 104, 102) }
```


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

```
.border{ border-color:rgb(75, 104, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 104, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 104, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 104, 102);  
box-shadow:4px 4px 4px 4px rgb(75, 104,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 95.1010, 3.4012, -17.6286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 104, 102) }
```

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

```
.background{ background-color: rgb(75, 104,  
102) }
```

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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