

Converting Colors

YUV(95.6240, 0.1854, -12.8252)

Have a look what the booklet for
YUV(95.6240, 0.1854, -12.8252)
contains.

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Color

**YUV(95.6240, 0.1854,
-12.8252)**

Conversions

Conversions Part 1

Format	Color
Hex	516760
RGB	81, 103, 96
RGB Percent	32%, 40%, 38%
CMY	0.6824, 0.5961, 0.6235
CMYK	0.21, 0.00, 0.07, 0.60
HSL	161°, 12%, 36%
HSV	161°, 21%, 40%
XYZ	10.3549, 12.2944, 12.8936
YIQ	95.6240, -10.8650, -6.8410

Conversions

Conversions Part 2

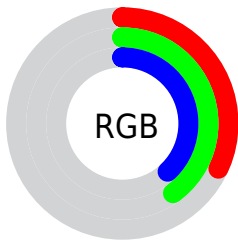
Format	Color
R_{YB}	81, 94, 103
Decimal	5334880
CIE _{Lab}	41.68, -9.82, 1.24
CIE _{LCh}	42, 9.896, 172.827
Yxy	12.2944, 0.2913, 0.3459
Android (android.graphics.Color)	4283524960 (0xFF516760)
YUV	95.6240, 0.1854, -12.8252
Hunter-Lab	35.0633, -8.6461, 2.7420

Details

The YUV color **95.6240, 0.1854, -12.8252** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **88.3760, -0.1854, 12.8252**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2110, -0.1040, -13.3400**, and **49.3360, 0.3274, -11.6957** is the 20% darker color. If you saturate the color by 10%, you get **92.2920, 0.3490, -18.6731**, and if you desaturate by 10%, it is **98.9560, 0.0217, -6.9774**.

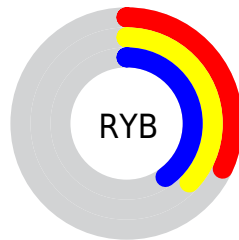
Distribution



Red (32%)

Green (40%)

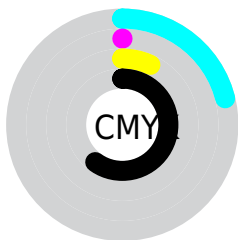
Blue (38%)



Red (32%)

Yellow (37%)

Blue (40%)

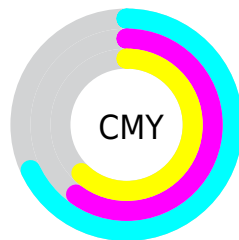


Cyan (21%)

Magenta (0%)

Yellow (7%)

Black (60%)



Cyan (68%)

Magenta (60%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.6240, 0.1854, -12.8252 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 95.6240, 0.1854, -12.8252 by changing the saturation by 10% instead.

■ 95.6240, 0.1854,
-12.8252

■ 95.6240, 0.1854,
-12.8252

■ 255.0000, 0.0000,
0.0000

■ 71.9230, 0.0380,
-12.2105

■ 146.2110, -0.1040,
-13.3400

■ 49.3360, 0.3274,
-11.6957

■ 172.9120, 0.0434,
-13.9548

■ 27.7490, 0.6167,
-11.1809

■ 199.9120, 0.0434,
-13.9548

■ 7.3860, -2.1623,
-6.4775

■ 228.4990, -0.2460,
-14.4696

■ 0.0000, 0.0000,
0.0000

■ 250.5150, 2.2111,
-9.2217

■ 95.6240, 0.1854,
-12.8252

■ 95.6240, 0.1854,
-12.8252

■ 92.2920, 0.3490,
-18.6731

■ 98.9560, 0.0217,
-6.9774

■ 88.5470, 0.2233,
-25.0357

■ 102.7010, 0.1474,
-0.6148

■ 85.2150, 0.3870,
-30.8836

■ 106.0330, -0.0163,
5.2331

■ 81.8830, 0.5507,
-36.7314

■ 109.3650, -0.1799,
11.0809

■ 78.2520, 0.8618,
-43.1940

■ 112.6970, -0.3436,
16.9287

■ 74.8060, 0.5886,
-48.9419

■ 116.4420, -0.2179,
23.2914

■ 71.4740, 0.7523,
-54.7897

■ 119.7740, -0.3816,
29.1392

■ 68.4410, 0.7686,

■ 123.1060, -0.5453,

-60.0228

34.9870

■ 126.7370, -0.8563,
41.4497

Harmonies

Analogous

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



96.5170, -4.1989, -6.5924



95.6240, 0.1854, -12.8252



95.3400, 4.2694, -16.0842

Triad

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



95.6240, 0.1854, -12.8252



98.8240, 6.9888, -1.5996



99.3560, -6.5845, 11.9658

Complementary

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



95.6240, 0.1854, -12.8252



88.3760, -0.1854, 12.8252

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.



99.7630, -3.8272, 14.2398



95.6240, 0.1854, -12.8252



99.4830, 4.1989, 6.5924

Square

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



95.6240, 0.1854, -12.8252



97.7090, 8.0315, -9.3918



100.1910, 0.3988, 12.1105



98.2800, -8.0260, 7.6474

Rectangle

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



95.6240, 0.1854, -12.8252



95.6220, 6.5954, -15.4545



100.1910, 0.3988, 12.1105



99.2960, -5.5689, 12.8954

Sweetspot

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



95.6240, 0.1854, -12.8252



132.3800, 0.3057, -4.7183



96.0070, -7.3985, -7.0221



67.2770, -0.1366, -2.8739



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.



95.6240, 0.1854, -12.8252



123.2810, 0.3545, -20.4174



94.0740, 4.4005, -11.4659



49.2770, -0.1366, -2.8739



76.3970, 0.7903, -67.0002



160.8640, 2.0390, -141.0777

Inverse Universe

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



88.3760, -0.1854, 12.8252



111.7190, -0.3545, 20.4174



89.9260, -4.4005, 11.4659



47.7230, 0.1366, 2.8739



38.6030, -0.7903, 67.0002



81.1360, -2.0390, 141.0777

Previews

White Background



This preview shows how the YUV color 95.6240, 0.1854, -12.8252 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 95.6240, 0.1854, -12.8252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

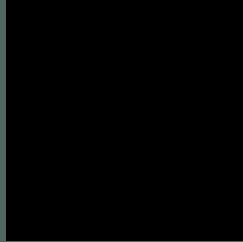
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.6240, 0.1854, -12.8252

Background



This preview shows how black text looks on a background with the YUV color 95.6240, 0.1854, -12.8252.



This preview shows how white text looks on a background with the YUV color 95.6240, 0.1854, -12.8252.

-12.8252.

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

95.6240, 0.1854, -12.8252

Protanopia

98.3270, -2.6262, 2.3442

Deuteranopia

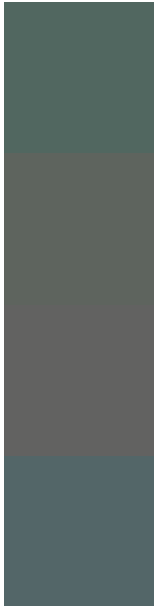
99.2290, -0.6059, 7.6922



Tritanopia

96.8290, 6.0003, -11.2510

Trichromacy



Original Color

95.6240, 0.1854, -12.8252

Protanomaly

97.5220, -1.7363, -3.0888

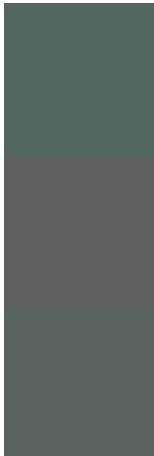
Deuteranomaly

97.8860, -0.4368, 0.1000

Tritanomaly

96.5470, 3.6743, -11.8807

Monochromacy



Original Color

95.6240, 0.1854, -12.8252

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.2660, -0.1311, -4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.6240, 0.1854, -12.8252 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(81, 103, 96)` looks like.

```
.text, #text, p{  
    color:rgb(81, 103, 96)  
}
```

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(81, 103, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 103, 96) }
```

Border

The CSS property to change the border of an element to YUV 95.6240, 0.1854, -12.8252 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(81, 103, 96) }
```


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

```
.border{ border-color:rgb(81, 103, 96) }
```

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

Here you see how a box with a 4 pixel rgb(81, 103, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 103, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 103, 96);  
box-shadow:4px 4px 4px 4px rgb(81, 103,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 95.6240, 0.1854, -12.8252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 103, 96) }
```

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

```
.background{ background-color: rgb(81, 103,  
96) }
```

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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