

Converting Colors

YUV(95.2050, -1.0871, -24.7358)

Have a look what the booklet for
YUV(95.2050, -1.0871, -24.7358)
contains.

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Color

**YUV(95.2050, -1.0871,
-24.7358)**

Conversions

Conversions Part 1

Format	Color
Hex	436E5D
RGB	67, 110, 93
RGB Percent	26%, 43%, 36%
CMY	0.7373, 0.5686, 0.6353
CMYK	0.39, 0.00, 0.15, 0.57
HSL	156°, 24%, 35%
HSV	156°, 39%, 43%
XYZ	9.8665, 13.1355, 12.3713
YIQ	95.2050, -20.1710, -14.4030

Conversions

Conversions Part 2

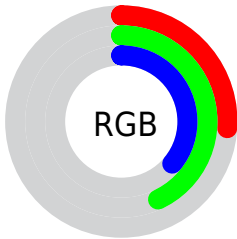
Format	Color
RYB	67, 94, 110
Decimal	4419165
CIELab	42.97, -19.18, 4.80
CIElCh	43, 19.771, 165.954
Yxy	13.1355, 0.2789, 0.3713
Android (android.graphics.Color)	4282609245 (0xFF436E5D)
YUV	95.2050, -1.0871, -24.7358
Hunter-Lab	36.2429, -14.8317, 5.1317

Details

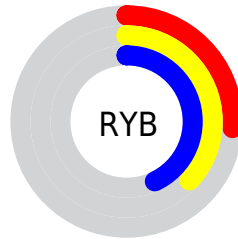
The YUV color **95.2050, -1.0871, -24.7358** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **81.7950, 1.0871, 24.7358**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.3790, -1.6658, -25.7654**, and **47.4330, -0.2135, -24.9357** is the 20% darker color. If you saturate the color by 10%, you get **91.4600, -1.2128, -31.0984**, and if you desaturate by 10%, it is **98.9500, -0.9613, -18.3731**.

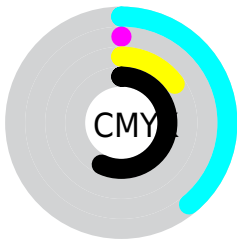
Distribution



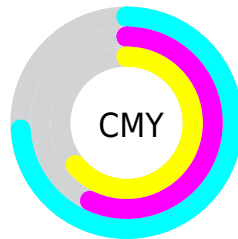
- Red (26%)
- Green (43%)
- Blue (36%)



- Red (26%)
- Yellow (37%)
- Blue (43%)



- Cyan (39%)
- Magenta (0%)
- Yellow (15%)
- Black (57%)



- Cyan (74%)
- Magenta (57%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.2050, -1.0871, -24.7358 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 95.2050, -1.0871, -24.7358 by changing the saturation by 10% instead.

95.2050, -1.0871,
-24.7358

95.2050, -1.0871,
-24.7358

255.0000, 0.0000,
0.0000

70.6180, -0.7977,
-24.2210

146.3790, -1.6658,
-25.7654

47.4330, -0.2135,
-24.9357

173.0800, -1.5184,
-26.3802

26.4440, -0.2189,
-23.1914

200.6670, -1.8078,
-26.8950

10.5660, -5.2090,
-9.2664

228.6670, -1.8078,
-26.8950

0.0000, 0.0000,
0.0000

246.2150, 3.8380,
-17.7286

■ 95.2050, -1.0871,
-24.7358

■ 95.2050, -1.0871,
-24.7358

■ 91.4600, -1.2128,
-31.0984

■ 98.9500, -0.9613,
-18.3731

■ 87.6010, -1.7753,
-37.3611

■ 102.8090, -0.3988,
-12.1105

■ 83.8560, -1.9010,
-43.7237

■ 106.5540, -0.2731,
-5.7479

■ 80.1110, -2.0267,
-50.0863

■ 110.2990, -0.1474,
0.6148

■ 76.2520, -2.5892,
-56.3490

■ 114.1580, 0.4151,
6.8774

■ 72.5070, -2.7150,
-62.7116

■ 117.9030, 0.5408,
13.2401

■ 72.2080, -2.5675,
-63.3264

■ 121.6480, 0.6665,
19.6027

■ 125.5070, 1.2290,

25.8654

■ 129.2520, 1.3548,
32.2280

Harmonies

Analogous

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



97.4150, -9.5716, -10.0110



95.2050, -1.0871, -24.7358



93.5440, 8.1128, -35.5571

Triad

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



95.2050, -1.0871, -24.7358



101.6690, 15.4462, -7.6027



102.7660, -11.7166, 24.7612

Complementary

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



95.2050, -1.0871, -24.7358



81.7950, 1.0871, 24.7358

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.



103.4980, -5.1755, 26.7503



95.2050, -1.0871, -24.7358



103.6990, 10.0084, 9.9110

Square

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



95.2050, -1.0871, -24.7358



97.7270, 17.3896, -24.3166



103.9410, 2.9871, 21.9767



101.3860, -15.4733, 16.3245

Rectangle

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



95.2050, -1.0871, -24.7358



93.2000, 13.2124, -37.8864



103.9410, 2.9871, 21.9767



102.6460, -9.6855, 26.6205

Sweetspot

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



95.2050, -1.0871, -24.7358



137.1190, -0.5517, -9.7514



97.3240, -14.9497, -11.6851



67.5540, -0.2731, -5.7479



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



95.2050, -1.0871, -24.7358



119.8890, -1.9173, -38.4907



94.7950, 7.4961, -24.3762



53.9780, 0.0108, -3.4887



78.6480, -3.2775, -68.9743



162.0890, -5.9599, -142.1521

Inverse Universe

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



81.7950, 1.0871, 24.7358



98.9970, 1.4805, 38.5906



82.2050, -7.4961, 24.3762



52.1360, 0.4260, 3.3887



41.2380, 2.8407, 69.0743



85.0250, 6.3967, 142.0521

Previews

White Background



This preview shows how the YUV color 95.2050, -1.0871, -24.7358 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 95.2050, -1.0871, -24.7358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

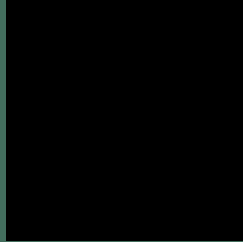
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.2050, -1.0871, -24.7358

Background



This preview shows how black text looks on a background with the YUV color 95.2050, -1.0871, -24.7358.



This preview shows how white text looks on a background with the YUV color 95.2050, -1.0871, -24.7358.

-24.7358.

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

95.2050, -1.0871, -24.7358

Protanopia

101.0130, -6.4154, 4.3736

Deuteranopia

102.2570, -3.0847, 9.4216



Tritanopia

97.4470, 8.6536, -22.3170

Trichromacy



Original Color

95.2050, -1.0871, -24.7358

Protanomaly

98.8160, -4.3463, -5.9776

Deuteranomaly

99.4080, -2.1731, -2.9888

Tritanomaly

96.5240, 5.1647, -23.2615

Monochromacy



Original Color

95.2050, -1.0871, -24.7358

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8310, -0.4097, -8.6218

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.2050, -1.0871, -24.7358 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(67, 110, 93)` looks like.

```
.text, #text, p{  
    color:rgb(67, 110, 93)  
}
```

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(67, 110, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 110, 93) }
```

Border

The CSS property to change the border of an element to YUV 95.2050, -1.0871, -24.7358 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(67, 110, 93) }
```


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

```
.border{ border-color:rgb(67, 110, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 110, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 110, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 110, 93);  
box-shadow:4px 4px 4px 4px rgb(67, 110,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 95.2050, -1.0871, -24.7358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 110, 93) }
```

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

```
.background{ background-color: rgb(67, 110,  
93) }
```

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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