

Converting Colors

YUV(90.1570, -5.0074, -27.3247)

Have a look what the booklet for
YUV(90.1570, -5.0074, -27.3247)
contains.

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Color

**YUV(90.1570, -5.0074,
-27.3247)**

Conversions

Conversions Part 1

Format	Color
Hex	3B6C50
RGB	59, 108, 80
RGB Percent	23%, 42%, 31%
CMY	0.7686, 0.5765, 0.6863
CMYK	0.45, 0.00, 0.26, 0.58
HSL	146°, 29%, 33%
HSV	146°, 45%, 42%
XYZ	8.6142, 12.2341, 9.4968
YIQ	90.1570, -20.2160, -19.0960

Conversions

Conversions Part 2

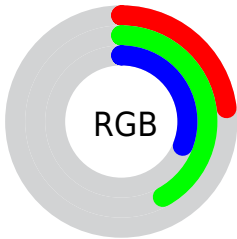
Format	Color
RYB	59, 93, 108
Decimal	3894352
CIELab	41.59, -23.62, 10.59
CIELCh	42, 25.888, 155.853
Yxy	12.2341, 0.2839, 0.4032
Android (android.graphics.Color)	4282084432 (0xFF3B6C50)
YUV	90.1570, -5.0074, -27.3247
Hunter-Lab	34.9773, -17.2495, 8.3861

Details

The YUV color **90.1570, -5.0074, -27.3247** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **76.8430, 5.0074, 27.3247**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.2170, -6.0230, -28.2543**, and **41.3030, -3.1074, -30.0837** is the 20% darker color. If you saturate the color by 10%, you get **86.1840, -6.0067, -33.4874**, and if you desaturate by 10%, it is **94.1300, -4.0081, -21.1620**.

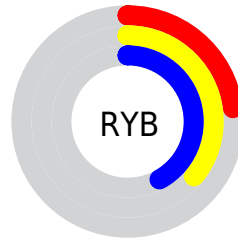
Distribution



Red (23%)

Green (42%)

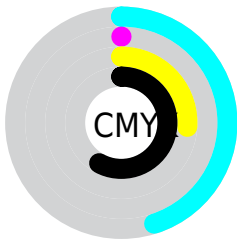
Blue (31%)



Red (23%)

Yellow (36%)

Blue (42%)

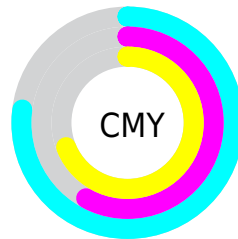


Cyan (45%)

Magenta (0%)

Yellow (26%)

Black (58%)



Cyan (77%)

Magenta (58%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.1570, -5.0074, -27.3247 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 90.1570, -5.0074, -27.3247 by changing the saturation by 10% instead.

90.1570, -5.0074,
-27.3247

90.1570, -5.0074,
-27.3247

255.0000, 0.0000,
0.0000

65.6840, -4.2812,
-26.9099

141.2170, -6.0230,
-28.2543

41.3030, -3.1074,
-30.0837

167.8040, -6.3124,
-28.7691

23.9020, -4.8817,
-20.9621

195.3910, -6.6018,
-29.2839

6.4570, -3.1833,
-5.6628

223.0920, -6.4544,
-29.8987

0.0000, 0.0000,
0.0000

241.9990, -1.9715,
-21.0471

252.3090, 1.3267,

-5.5330

■ 90.1570, -5.0074,
-27.3247

■ 90.1570, -5.0074,
-27.3247

■ 86.1840, -6.0067,
-33.4874

■ 94.1300, -4.0081,
-21.1620

■ 82.2110, -7.0060,
-39.6500

■ 98.1030, -3.0088,
-14.9993

■ 78.4230, -8.5895,
-45.0980

■ 101.8910, -1.4253,
-9.5514

■ 74.4500, -9.5888,
-51.2606

■ 105.8640, -0.4260,
-3.3887

■ 70.4770, -10.5882,
-57.4233

■ 109.8370, 0.5734,
2.7740

■ 68.6400, -11.1615,
-60.1973

■ 113.8100, 1.5727,
8.9366

■ 117.7830, 2.5720,
15.0993

■ 121.4570, 3.7187,
20.6472

■ 125.5440, 5.1548,
26.7099

Harmonies

Analogous

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



93.6450, -15.1080, -7.5817



90.1570, -5.0074, -27.3247



83.9830, 8.8824, -49.0971

Triad

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



90.1570, -5.0074, -27.3247



96.1990, 21.5939, -19.4685



99.0060, -12.3280, 34.1977

Complementary

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



90.1570, -5.0074, -27.3247



76.8430, 5.0074, 27.3247

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.



99.9380, -2.4344, 34.2574



90.1570, -5.0074, -27.3247



100.2730, 16.1344, 5.0226

Square

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



90.1570, -5.0074, -27.3247



87.6040, 23.8592, -46.1337



100.8040, 7.4916, 23.8509



97.9310, -18.7000, 24.6165

Rectangle

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



90.1570, -5.0074, -27.3247



77.8050, 18.8301, -66.4810



100.8040, 7.4916, 23.8509



99.5160, -9.1284, 34.6275

Sweetspot

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



90.1570, -5.0074, -27.3247



133.0650, -2.0040, -10.5810



96.4340, -18.4550, -7.3966



66.6140, -1.2887, -6.6775



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.



90.1570, -5.0074, -27.3247



112.6730, -7.7268, -41.8092



92.8930, 5.4758, -29.7242



51.7500, -0.8628, -3.2887



74.3790, -12.0188, -65.2304



155.7850, -25.0370, -136.6234

Inverse Universe

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



76.8430, 5.0074, 27.3247



92.3270, 7.7268, 41.8092



74.1070, -5.4758, 29.7242



50.1360, 0.4260, 3.3887



42.6210, 12.0188, 65.2304



89.2150, 25.0370, 136.6234

Previews

White Background



This preview shows how the YUV color 90.1570, -5.0074, -27.3247 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 90.1570, -5.0074, -27.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

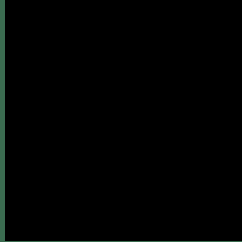
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.1570, -5.0074, -27.3247

Background



This preview shows how black text looks on a background with the YUV color 90.1570, -5.0074, -27.3247.



This preview shows how white text looks on a background with the YUV color 90.1570, -5.0074,

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

90.1570, -5.0074, -27.3247

Protanopia

97.1720, -10.9308, 5.9882

Deuteranopia

98.1280, -7.4581, 12.1657



Tritanopia

93.8490, 8.9484, -23.5466

Trichromacy



Original Color

90.1570, -5.0074, -27.3247

Protanomaly

94.9640, -8.8563, -6.1074

Deuteranomaly

95.2680, -6.5411, -1.9890

Tritanomaly

92.1710, 3.8597, -24.7060

Monochromacy



Original Color

90.1570, -5.0074, -27.3247

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.3640, -2.1515, -9.9662

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.1570, -5.0074, -27.3247 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(59, 108, 80)` looks like.

```
.text, #text, p{  
    color:rgb(59, 108, 80)  
}
```

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(59, 108, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 108, 80) }
```

Border

The CSS property to change the border of an element to YUV 90.1570, -5.0074, -27.3247 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(59, 108, 80) }
```


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

```
.border{ border-color:rgb(59, 108, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 108, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 108, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 108, 80);  
box-shadow:4px 4px 4px 4px rgb(59, 108,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 90.1570, -5.0074, -27.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 108, 80) }
```

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

```
.background{ background-color: rgb(59, 108,  
80) }
```

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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