

Converting Colors

YUV(90.2180, -7.5025, -20.3622)

Have a look what the booklet for
YUV(90.2180, -7.5025, -20.3622)
contains.

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Color

**YUV(90.2180, -7.5025,
-20.3622)**

Conversions

Conversions Part 1

Format	Color
Hex	43694B
RGB	67, 105, 75
RGB Percent	26%, 41%, 29%
CMY	0.7373, 0.5882, 0.7059
CMYK	0.36, 0.00, 0.29, 0.59
HSL	133°, 22%, 34%
HSV	133°, 36%, 41%
XYZ	8.6363, 11.8044, 8.4799
YIQ	90.2180, -13.0180, -17.3860

Conversions

Conversions Part 2

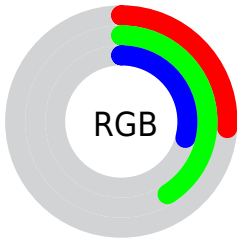
Format	Color
R_{YB}	67, 98, 105
Decimal	4417867
CIE _{Lab}	40.90, -20.49, 12.70
CIE _{LCh}	41, 24.106, 148.208
Yxy	11.8044, 0.2986, 0.4082
Android (android.graphics.Color)	4282607947 (0xFF43694B)
YUV	90.2180, -7.5025, -20.3622
Hunter-Lab	34.3576, -15.2570, 9.4168

Details

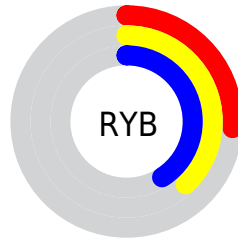
The YUV color $90.2180, -7.5025, -20.3622$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $81.7820, 7.5025, 20.3622$, and the grayscale version is $90.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $140.6910, -8.2287, -20.7770$, and $42.9730, -5.9027, -20.1473$ is the 20% darker color. If you saturate the color by 10%, you get $86.3160, -9.5228, -25.7101$, and if you desaturate by 10%, it is $94.4190, -5.6296, -14.3995$.

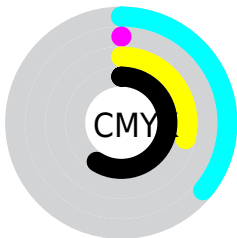
Distribution



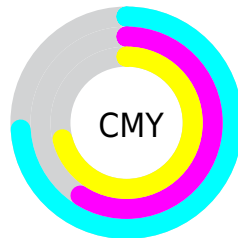
- Red (26%)
- Green (41%)
- Blue (29%)



- Red (26%)
- Yellow (38%)
- Blue (41%)



- Cyan (36%)
- Magenta (0%)
- Yellow (29%)
- Black (59%)



- Cyan (74%)
- Magenta (59%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.2180, -7.5025, -20.3622 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 90.2180, -7.5025, -20.3622 by changing the saturation by 10% instead.

■ 90.2180, -7.5025,
-20.3622

■ 90.2180, -7.5025,
-20.3622

255.0000, 0.0000,
0.0000

■ 66.3320, -7.0657,
-20.4622

■ 140.6910, -8.2287,
-20.7770

■ 42.9730, -5.9027,
-20.1473

■ 167.2780, -8.5181,
-21.2918

■ 22.0440, -6.9237,
-19.3326

■ 194.4520, -9.0968,
-22.3214

■ 3.5220, -1.7363,
-3.0888

■ 223.0390, -9.3862,
-22.8362

■ 0.0000, 0.0000,
0.0000

■ 243.4080, -5.6241,
-16.1438

254.7010, 0.1474,

-0.6148

■ 90.2180, -7.5025,
-20.3622

■ 90.2180, -7.5025,
-20.3622

■ 86.3160, -9.5228,
-25.7101

■ 94.4190, -5.6296,
-14.3995

■ 82.0010, -11.8325,
-31.5729

■ 98.4350, -3.1725,
-9.1515

■ 78.0990, -13.8528,
-36.9208

■ 102.6360, -1.2995,
-3.1888

■ 73.8980, -15.7257,
-42.8835

■ 106.5380, 0.7208,
2.1592

■ 69.9960, -17.7460,
-48.2315

■ 110.4400, 2.7411,
7.5071

■ 65.6810, -20.0557,
-54.0942

■ 114.7550, 5.0508,
13.3699

■ 64.1430, -20.7765,
-56.2534

■ 118.9560, 6.9237,
19.3326

■ 122.8580, 8.9440,
24.6805

■ 127.1730, 11.2537,
30.5433

Harmonies

Analogous

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



93.1510, -15.8504, -2.7634



90.2180, -7.5025, -20.3622



85.8980, 4.4873, -39.3755

Triad

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



90.2180, -7.5025, -20.3622



93.3510, 21.0260, -23.9868



98.0920, -9.4124, 32.3683

Complementary

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



90.2180, -7.5025, -20.3622



81.7820, 7.5025, 20.3622

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.



98.4860, -0.2396, 30.2688



90.2180, -7.5025, -20.3622



97.9410, 16.2981, -0.8253

Square

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



90.2180, -7.5025, -20.3622



85.6210, 21.3858, -46.1486



99.2270, 9.2551, 18.2179



96.5120, -16.5214, 25.8610

Rectangle

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



90.2180, -7.5025, -20.3622



82.5960, 12.5242, -50.5117



99.2270, 9.2551, 18.2179



98.1890, -6.5022, 32.2832

Sweetspot

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



90.2180, -7.5025, -20.3622



132.1470, -3.0305, -8.0219



98.2760, -15.4191, -1.1191



65.5110, -1.7309, -4.8331



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.



90.2180, -7.5025, -20.3622



114.7020, -11.6851, -32.1877



92.3840, 0.7967, -22.2618



51.6360, -1.2995, -3.1888



71.5290, -22.9388, -62.7309



149.7430, -48.1873, -131.3246

Inverse Universe

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



81.7820, 7.5025, 20.3622



101.2980, 11.6851, 32.1877



79.6160, -0.7967, 22.2618



50.2500, 0.8628, 3.2887



45.5850, 23.3756, 62.6310



95.2570, 48.1873, 131.3246

Previews

White Background



This preview shows how the YUV color 90.2180, -7.5025, -20.3622 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 90.2180, -7.5025, -20.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

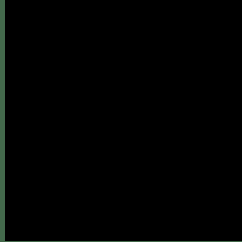
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.2180, -7.5025, -20.3622

Background



This preview shows how black text looks on a background with the YUV color 90.2180, -7.5025, -20.3622.



This preview shows how white text looks on a background with the YUV color 90.2180, -7.5025,

-20.3622.

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

90.2180, -7.5025, -20.3622

Protanopia

95.2430, -11.9518, 6.8029

Deuteranopia

96.3840, -9.0633, 13.6952



Tritanopia

93.8390, 7.4744, -17.3988

Trichromacy



Original Color

90.2180, -7.5025, -20.3622

Protanomaly

93.2310, -10.4669, -2.8336

Deuteranomaly

94.4210, -8.5886, 1.3848

Tritanomaly

92.1610, 2.3856, -18.5582

Monochromacy



Original Color

90.2180, -7.5025, -20.3622

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9730, -2.4517, -6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.2180, -7.5025, -20.3622 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, 105, 75)` looks like.

```
.text, #text, p{  
    color:rgb(67, 105, 75)  
}
```

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, 105, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 105, 75) }
```

Border

The CSS property to change the border of an element to YUV 90.2180, -7.5025, -20.3622 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, 105, 75) }
```


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

```
.border{ border-color:rgb(67, 105, 75) }
```

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

Here you see how a box with a 4 pixel rgb(67, 105, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 105, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 105, 75);  
box-shadow:4px 4px 4px 4px rgb(67, 105,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 90.2180, -7.5025, -20.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 105, 75) }
```

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

```
.background{ background-color: rgb(67, 105,  
75) }
```

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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