

Converting Colors

YUV(87.0180, -24.1659, 4.3692)

Have a look what the booklet for
YUV(87.0180, -24.1659, 4.3692)
contains.

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Color

**YUV(87.0180, -24.1659,
4.3692)**

Conversions

Conversions Part 1

Format	Color
Hex	5C5E26
RGB	92, 94, 38
RGB Percent	36%, 37%, 15%
CMY	0.6392, 0.6314, 0.8510
CMYK	0.02, 0.00, 0.60, 0.63
HSL	62°, 42%, 26%
HSV	62°, 60%, 37%
XYZ	8.7662, 10.4207, 3.3831
YIQ	87.0180, 16.7840, -17.8400

Conversions

Conversions Part 2

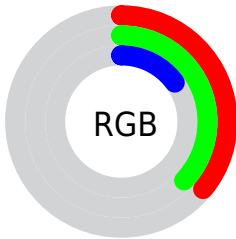
Format	Color
R_{YB}	38, 94, 40
Decimal	6053414
CIE Lab	38.59, -9.38, 31.24
CIE LCh	39, 32.619, 106.718
Yxy	10.4207, 0.3884, 0.4617
Android (android.graphics.Color)	4284243494 (0xFF5C5E26)
YUV	87.0180, -24.1659, 4.3692
Hunter-Lab	32.2810, -8.0187, 16.3831

Details

The YUV color **87.0180, -24.1659, 4.3692** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **44.9820, 24.1659, -4.3692**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2740, -25.7711, 5.8987**, and **41.6310, -20.5241, 2.9546** is the 20% darker color. If you saturate the color by 10%, you get **85.9920, -28.0971, 5.2690**, and if you desaturate by 10%, it is **88.0440, -20.2347, 3.4694**.

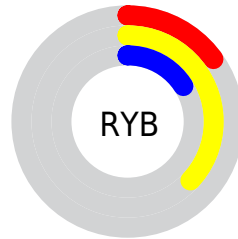
Distribution



Red (36%)

Green (37%)

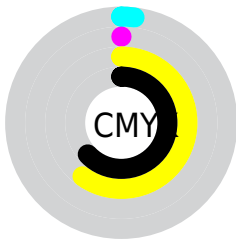
Blue (15%)



Red (15%)

Yellow (37%)

Blue (16%)

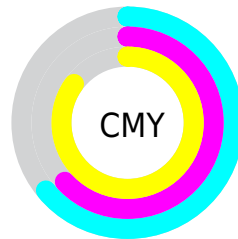


Cyan (2%)

Magenta (0%)

Yellow (60%)

Black (63%)



Cyan (64%)

Magenta (63%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.0180, -24.1659, 4.3692 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 87.0180, -24.1659, 4.3692 by changing the saturation by 10% instead.

87.0180, -24.1659,
4.3692

87.0180, -24.1659,
4.3692

255.0000, 0.0000,
0.0000

62.8330, -23.5817,
3.6545

137.2740,
-25.7711, 5.8987

41.6310, -20.5241,
2.9546

164.0460,
-26.6447, 6.0987

22.4160, -11.0511,
-2.1188

191.2310,
-27.2289, 6.8134

0.0000, 0.0000,
0.0000

219.0030,
-28.1025, 7.0134

247.5900,
-28.3919, 6.4986

250.7820,

-16.1615, 3.6992

253.9740, -3.9312,
0.8998

87.0180, -24.1659,
4.3692

87.0180, -24.1659,
4.3692

85.9920, -28.0971,
5.2690

88.0440, -20.2347,
3.4694

84.5530, -32.3176,
5.6540

89.4830, -16.0141,
3.0844

83.5270, -36.2488,
6.5538

90.5090, -12.0829,
2.1846

82.3870, -40.6168,
7.5536

91.6490, -7.7150,
1.1848

92.9740, -3.9312,
0.8998

■ 94.0000, 0.0000,
0.0000

■ 95.1400, 4.3680,
-0.9998

■ 96.4650, 8.1518,
-1.2848

■ 97.6050, 12.5197,
-2.2846

Harmonies

Analogous

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



88.9110, -25.0991, 23.7571



87.0180, -24.1659, 4.3692



83.2800, -14.9280, -18.6626

Triad

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



87.0180, -24.1659, 4.3692



74.5800, 26.8291, -65.4067



93.0120, 5.4171, 35.9465

Complementary

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



87.0180, -24.1659, 4.3692



44.9820, 24.1659, -4.3692

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.



93.7520, 16.3913, 16.0035



87.0180, -24.1659, 4.3692



73.1270, 33.9544, -64.1324

Square

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



87.0180, -24.1659, 4.3692



73.0180, 15.7671, -64.0368



89.5570, 25.3614, -14.5205



91.4400, -7.1189, 43.4641

Rectangle

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



87.0180, -24.1659, 4.3692



78.7920, -4.8275, -38.4056



89.5570, 25.3614, -14.5205



93.3040, 9.2171, 30.4284

Sweetspot

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



87.0180, -24.1659, 4.3692



119.4920, -9.6096, 2.1995



55.9180, -8.8336, 33.3979



59.5180, -5.6784, 1.2997



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



87.0180, -24.1659, 4.3692



111.1850, -37.5592, 6.8538



78.6460, -20.0385, -12.8445



45.4300, -2.1840, 0.4999



96.2640, -47.4582, 8.5385



207.5900, -102.3419, 18.7766

Inverse Universe

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



44.9820, 24.1659, -4.3692



46.1140, 37.4118, -6.2390



53.3540, 20.0385, 12.8445



41.5700, 2.1840, -0.4999



13.7360, 47.4582, -8.5385



29.4100, 102.3419, -18.7766

Previews

White Background



This preview shows how the YUV color 87.0180, -24.1659, 4.3692 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 87.0180, -24.1659, 4.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

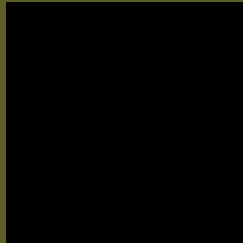
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.0180, -24.1659, 4.3692

Background



This preview shows how black text looks on a background with the YUV color 87.0180, -24.1659, 4.3692.



This preview shows how white text looks on a background with the YUV color 87.0180, -24.1659,

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

87.0180, -24.1659, 4.3692

Protanopia

87.8340, -25.0612, 11.5466

Deuteranopia

88.8290, -24.0727, 21.1980



Tritanopia

91.7880, 1.5835, 5.4479

Trichromacy



Original Color

87.0180, -24.1659, 4.3692

Protanomaly

87.5240, -24.9083, 9.1875

Deuteranomaly

88.0840, -24.1984, 14.8353

Tritanomaly

89.9700, -7.8732, 5.2883

Monochromacy



Original Color

87.0180, -24.1659, 4.3692

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.3070, -9.0254, 1.4848

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.0180, -24.1659, 4.3692 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(92, 94, 38)` looks like.

```
.text, #text, p{  
    color:rgb(92, 94, 38)  
}
```

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(92, 94, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 94, 38) }
```

Border

The CSS property to change the border of an element to YUV 87.0180, -24.1659, 4.3692 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(92, 94, 38) }
```


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

```
.border{ border-color:rgb(92, 94, 38) }
```

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

Here you see how a box with a 4 pixel rgb(92, 94, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 94, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 94, 38);  
box-shadow:4px 4px 4px 4px rgb(92, 94, 38)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.0180, -24.1659, 4.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 94, 38) }
```

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

```
.background{ background-color: rgb(92, 94,  
38) }
```

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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