

Converting Colors

YUV(53.5020, -24.8975, 5.6987)

Have a look what the booklet for
YUV(53.5020, -24.8975, 5.6987)
contains.

YUV(53.5020, -24.8975, 5.6987)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(53.5020, -24.8975,
5.6987)**

Conversions

Conversions Part 1

Format	Color
Hex	3C3C03
RGB	60, 60, 3
RGB Percent	24%, 24%, 1%
CMY	0.7647, 0.7647, 0.9882
CMYK	0.00, 0.00, 0.95, 0.76
HSL	60°, 90%, 12%
HSV	60°, 95%, 24%
XYZ	3.4958, 4.1990, 0.7124
YIQ	53.5020, 18.2970, -17.7270

Conversions

Conversions Part 2

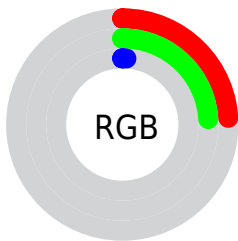
Format	Color
R_{YB}	3, 60, 3
Decimal	3947523
CIE Lab	24.32, -7.51, 31.74
CIE LCh	24, 32.615, 103.308
Yxy	4.1990, 0.4158, 0.4995
Android (android.graphics.Color)	4282137603 (0xFF3C3C03)
YUV	53.5020, -24.8975, 5.6987
Hunter-Lab	20.4913, -5.4082, 12.2827

Details

The YUV color **53.5020, -24.8975, 5.6987** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **9.4980, 24.8975, -5.6987**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.3990, -25.3397, 7.5431**, and **12.6480, -6.2355, -6.7073** is the 20% darker color. If you saturate the color by 10%, you get **53.1600, -26.2079, 5.9987**, and if you desaturate by 10%, it is **54.1860, -22.2767, 5.0989**.

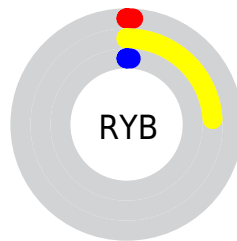
Distribution



Red (24%)

Green (24%)

Blue (1%)



Red (1%)

Yellow (24%)

Blue (1%)

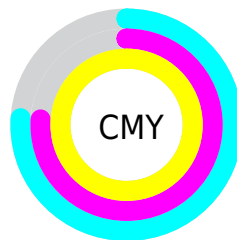


Cyan (0%)

Magenta (0%)

Yellow (95%)

Black (76%)



Cyan (76%)


Magenta (76%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YUV color 53.5020, -24.8975, 5.6987 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 53.5020, -24.8975, 5.6987 by changing the saturation by 10% instead.


 53.5020, -24.8975,
5.6987

 53.5020, -24.8975,
5.6987


 252.4920, -9.6096,
2.1995


 33.3690, -16.4509,
3.1844


 101.3990,
-25.3397, 7.5431


 12.6480, -6.2355,
-6.7073

 126.5840,
-25.9239, 8.2578

 0.0000, 0.0000,
0.0000

 152.7690,
-26.5081, 8.9726


 179.5410,
-27.3817, 9.1725


 207.6120,
-28.4027, 9.9873


 235.4980,


-28.8395, 10.0873


 249.3000,
-21.8399, 4.9989


 53.5020, -24.8975,
5.6987


 53.5020, -24.8975,
5.6987


 53.1600, -26.2079,
5.9987

 54.1860, -22.2767,
5.0989

 54.8700, -19.6559,
4.4990

 55.5540, -17.0351,
3.8991

 56.2380, -14.4143,
3.2993

 56.9220, -11.7935,
2.6994

■ 57.6060, -9.1728,
2.0995

■ 58.2900, -6.5520,
1.4997

■ 58.9740, -3.9312,
0.8998

■ 59.6580, -1.3104,
0.2999

Harmonies

Analogous

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



55.4270, -24.3675, 22.4275



53.5020, -24.8975, 5.6987



50.4760, -15.5177, -16.2035

Triad

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



53.5020, -24.8975, 5.6987



50.2900, 20.0700, -44.1043



57.7450, 7.0277, 32.6726

Complementary

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



53.5020, -24.8975, 5.6987



9.4980, 24.8975, -5.6987

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.



59.5450, 16.9863, 11.8000



53.5020, -24.8975, 5.6987



49.5380, 27.3428, -43.4448

Square

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



53.5020, -24.8975, 5.6987



48.2550, 9.7343, -42.3196



53.9150, 25.6779, -22.7275



55.9280, -3.9085, 40.4051

Rectangle

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



53.5020, -24.8975, 5.6987



43.9060, -4.3907, -38.5056



53.9150, 25.6779, -22.7275



58.6240, 10.5384, 26.6398

Sweetspot

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



53.5020, -24.8975, 5.6987



76.3780, -10.0464, 2.2995



20.0430, -8.4022, 35.0423



39.4040, -6.1152, 1.3997



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



53.5020, -24.8975, 5.6987



69.9940, -34.5070, 7.8983



44.8310, -20.6227, -12.1298



30.6580, -1.3104, 0.2999



83.2840, -41.0590, 9.3979



196.6920, -96.9692, 22.1951

Inverse Universe

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



9.4980, 24.8975, -5.6987



9.0060, 34.5070, -7.8983



17.8700, 20.7701, 11.5150



28.3420, 1.3104, -0.2999



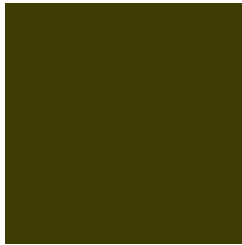
10.7160, 41.0590, -9.3979



25.3080, 96.9692, -22.1951

Previews

White Background



This preview shows how the YUV color 53.5020, -24.8975, 5.6987 looks on a white background.

Color Contrast Check

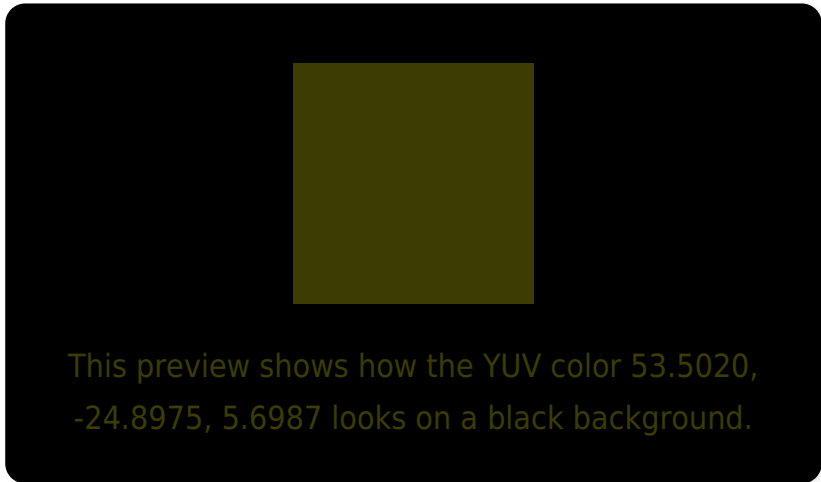
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

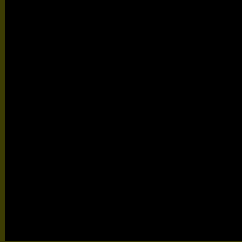
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.5020, -24.8975, 5.6987

Background



This preview shows how black text looks on a background with the YUV color 53.5020, -24.8975, 5.6987.

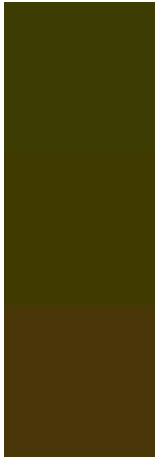


This preview shows how white text looks on a background with the YUV color 53.5020, -24.8975,

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

53.5020, -24.8975, 5.6987

Protanopia

53.4810, -26.3661, 10.1022

Deuteranopia

55.1380, -22.7460, 15.6650



Tritanopia

58.8480, 0.5679, 4.5183

Trichromacy



Original Color

53.5020, -24.8975, 5.6987

Protanomaly

53.5840, -25.9239, 8.2578

Deuteranomaly

54.5890, -23.4614, 11.7614

Tritanomaly

56.7420, -8.7468, 5.4883

Monochromacy



Original Color

53.5020, -24.8975, 5.6987

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.6060, -9.1728, 2.0995

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.5020, -24.8975, 5.6987 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(60, 60, 3)` looks like.

```
.text, #text, p{  
    color:rgb(60, 60, 3)  
}
```

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(60, 60, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 60, 3) }
```

Border

The CSS property to change the border of an element to YUV 53.5020, -24.8975, 5.6987 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(60, 60, 3) }
```


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

```
.border{ border-color:rgb(60, 60, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 60, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 60, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(60, 60, 3); box-shadow:4px  
4px 4px 4px rgb(60, 60, 3) }
```

Background

The CSS property to change the background color of an element to YUV 53.5020, -24.8975, 5.6987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 60, 3) }
```

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

```
.background{ background-color: rgb(60, 60,  
3) }
```

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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