

Converting Colors

YUV(53.2790, -6.5465, -0.2447)

Have a look what the booklet for
YUV(53.2790, -6.5465, -0.2447)
contains.

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Color

**YUV(53.2790, -6.5465,
-0.2447)**

Conversions

Conversions Part 1

Format	Color
Hex	353828
RGB	53, 56, 40
RGB Percent	21%, 22%, 16%
CMY	0.7922, 0.7804, 0.8431
CMYK	0.05, 0.00, 0.29, 0.78
HSL	71°, 17%, 19%
HSV	71°, 29%, 22%
XYZ	3.2654, 3.7384, 2.5570
YIQ	53.2790, 3.3480, -5.6120

Conversions

Conversions Part 2

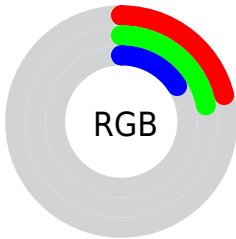
Format	Color
RYB	40, 56, 43
Decimal	3487784
CIELab	22.79, -4.64, 9.60
CIELCh	23, 10.665, 115.808
Yxy	3.7384, 0.3415, 0.3910
Android (android.graphics.Color)	4281677864 (0xFF353828)
YUV	53.2790, -6.5465, -0.2447
Hunter-Lab	19.3350, -3.6905, 5.6937

Details

The YUV color **53.2790, -6.5465, -0.2447** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42.7210, 6.5465, 0.2447**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.0510, -7.4201, -0.0447**, and **8.8270, -4.3517, -4.2333** is the 20% darker color. If you saturate the color by 10%, you get **52.2960, -9.0199, -0.2596**, and if you desaturate by 10%, it is **54.2620, -4.0732, -0.2298**.

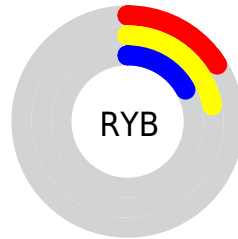
Distribution



Red (21%)

Green (22%)

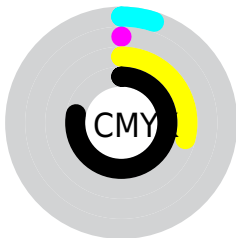
Blue (16%)



Red (16%)

Yellow (22%)

Blue (17%)

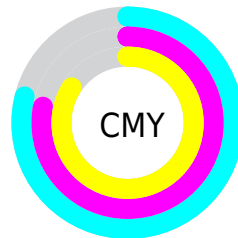


Cyan (5%)

Magenta (0%)

Yellow (29%)

Black (78%)



Cyan (79%)

Magenta (78%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.2790, -6.5465, -0.2447 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 53.2790, -6.5465, -0.2447 by changing the saturation by 10% instead.

■ 53.2790, -6.5465,
-0.2447

■ 53.2790, -6.5465,
-0.2447

255.0000, 0.0000,
0.0000

■ 32.3930, -6.1097,
-0.3447

■ 100.0510, -7.4201,
-0.0447

■ 8.8270, -4.3517,
-4.2333

■ 124.9370, -7.8569,
0.0553

■ 0.0000, 0.0000,
0.0000

■ 150.9370, -7.8569,
0.0553

■ 177.5240, -8.1463,
-0.4595

■ 204.8230, -8.2937,
0.1552

■ 232.8230, -8.2937,

0.1552

■ 253.7460, -4.8048,
1.0998

■ 53.2790, -6.5465,
-0.2447

■ 53.2790, -6.5465,
-0.2447

■ 52.2960, -9.0199,
-0.2596

■ 54.2620, -4.0732,
-0.2298

■ 51.4270, -11.0565,
-0.3745

■ 55.1310, -2.0366,
-0.1149

■ 50.4440, -13.5299,
-0.3894

■ 56.1140, 0.4368,
-0.1000

■ 49.5750, -15.5665,
-0.5043

■ 56.9830, 2.4734,
0.0149

■ 48.5920, -18.0399,
-0.5192

■ 57.9660, 4.9468,
0.0298

■ 47.6090, -20.5132,
-0.5341

■ 58.9490, 7.4201,
0.0447

■ 46.7400, -22.5498,
-0.6490

■ 59.8180, 9.4567,
0.1596

■ 46.6260, -22.9866,
-0.5490

■ 60.8010, 11.9301,
0.1745

■ 61.6700, 13.9667,
0.2894

Harmonies

Analogous

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



53.7960, -7.2944, 6.3179



53.2790, -6.5465, -0.2447



52.3320, -3.6147, -7.3072

Triad

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



53.2790, -6.5465, -0.2447



51.8500, 7.4689, -15.6545



55.7780, 0.1094, 11.5957

Complementary

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



53.2790, -6.5465, -0.2447



42.7210, 6.5465, 0.2447

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.



55.6680, 3.6147, 7.3072



53.2790, -6.5465, -0.2447



53.1220, 8.3209, -8.8770

Square

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



53.2790, -6.5465, -0.2447



51.1550, 4.8536, -16.7989



55.1230, 6.8414, -0.9849



55.4640, -3.6798, 13.6251

Rectangle

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



53.2790, -6.5465, -0.2447



51.6950, -0.8356, -12.0105



55.1230, 6.8414, -0.9849



55.7070, 1.1304, 10.7810

Sweetspot

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



53.2790, -6.5465, -0.2447



72.9030, -2.9102, 0.0851



46.5450, -3.2267, 8.2920



37.2450, -1.5998, -0.2149



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



53.2790, -6.5465, -0.2447



69.6550, -10.1829, -0.5744



50.8870, -5.3673, -5.1629



27.6580, -1.3104, 0.2999



76.4290, -37.6795, -1.2532



181.7750, -89.6151, -3.3107

Inverse Universe

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



42.7210, 6.5465, 0.2447



53.3450, 10.1829, 0.5744



45.1130, 5.3673, 5.1629



25.6410, 1.1630, 0.3148



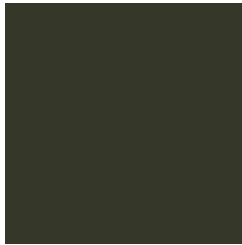
15.5710, 37.6795, 1.2532



37.2250, 89.6151, 3.3107

Previews

White Background



This preview shows how the YUV color 53.2790, -6.5465, -0.2447 looks on a white background.

Color Contrast Check

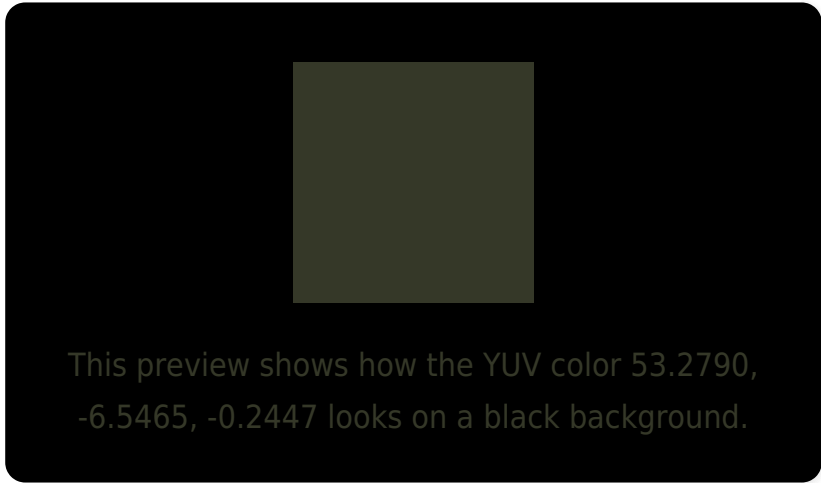
Large Text (above 18pt) WCAG AA ✓ Pass

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

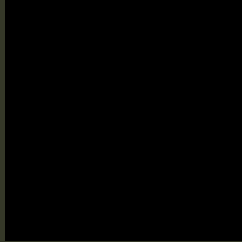
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.2790, -6.5465, -0.2447

Background



This preview shows how black text looks on a background with the YUV color 53.2790, -6.5465, -0.2447.



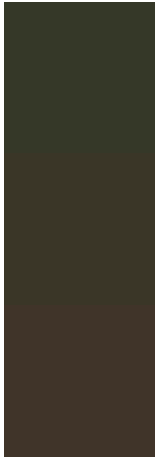
This preview shows how white text looks on a background with the YUV color 53.2790, -6.5465,

-0.2447.

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

53.2790, -6.5465, -0.2447

Protanopia

53.4860, -7.1416, 3.9588

Deuteranopia

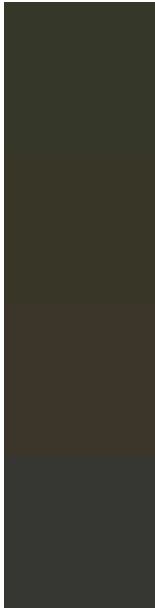
54.3340, -6.5737, 8.4771



Tritanopia

54.7550, 1.5998, 0.2149

Trichromacy



Original Color

53.2790, -6.5465, -0.2447

Protanomaly

53.4750, -7.1362, 2.2144

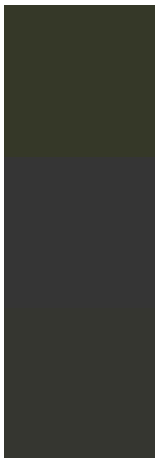
Deuteranomaly

53.7250, -6.2734, 5.5032

Tritanomaly

54.2450, -1.5998, -0.2149

Monochromacy



Original Color

53.2790, -6.5465, -0.2447

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.0170, -2.4734, -0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.2790, -6.5465, -0.2447 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(53, 56, 40)` looks like.

```
.text, #text, p{  
    color:rgb(53, 56, 40)  
}
```

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(53, 56, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 56, 40) }
```

Border

The CSS property to change the border of an element to YUV 53.2790, -6.5465, -0.2447 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(53, 56, 40) }
```


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

```
.border{ border-color:rgb(53, 56, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 56, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 56, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 56, 40);  
box-shadow:4px 4px 4px 4px rgb(53, 56, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.2790, -6.5465, -0.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 56, 40) }
```

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

```
.background{ background-color: rgb(53, 56,  
40) }
```

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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