

Converting Colors

YUV(55.2020, -3.0576, 0.6998)

Have a look what the booklet for
YUV(55.2020, -3.0576, 0.6998)
contains.

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Color

**YUV(55.2020, -3.0576,
0.6998)**

Conversions

Conversions Part 1

Format	Color
Hex	383831
RGB	56, 56, 49
RGB Percent	22%, 22%, 19%
CMY	0.7804, 0.7804, 0.8078
CMYK	0.00, 0.00, 0.13, 0.78
HSL	60°, 7%, 21%
HSV	60°, 12%, 22%
XYZ	3.5994, 3.8909, 3.4670
YIQ	55.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

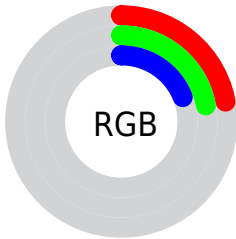
Format	Color
R_{YB}	49, 56, 49
Decimal	3684401
CIE Lab	23.31, -1.52, 4.38
CIE LCh	23, 4.636, 109.149
Yxy	3.8909, 0.3285, 0.3551
Android (android.graphics.Color)	4281874481 (0xFF383831)
YUV	55.2020, -3.0576, 0.6998
Hunter-Lab	19.7252, -1.9467, 3.3865

Details

The YUV color **55.2020, -3.0576, 0.6998** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.7980, 3.0576, -0.6998**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.0880, -3.4944, 0.7998**, and **11.6320, -5.2416, 1.1997** is the 20% darker color. If you saturate the color by 10%, you get **54.5180, -5.6784, 1.2997**, and if you desaturate by 10%, it is **55.8860, -0.4368, 0.1000**.

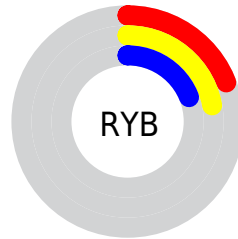
Distribution



Red (22%)

Green (22%)

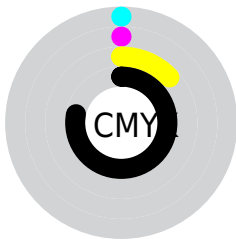
Blue (19%)



Red (19%)

Yellow (22%)

Blue (19%)

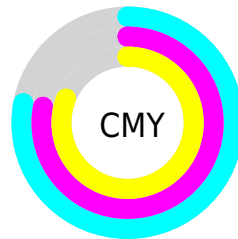


Cyan (0%)

Magenta (0%)

Yellow (13%)

Black (78%)



Cyan (78%)

Magenta (78%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.2020, -3.0576, 0.6998 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 55.2020, -3.0576, 0.6998 by changing the saturation by 10% instead.

■ 55.2020, -3.0576,
0.6998

■ 55.2020, -3.0576,
0.6998

■ 255.0000, 0.0000,
0.0000

■ 34.2020, -3.0576,
0.6998

■ 102.0880, -3.4944,
0.7998

■ 11.6320, -5.2416,
1.1997

■ 127.0880, -3.4944,
0.7998

■ 0.0000, 0.0000,
0.0000

■ 152.9740, -3.9312,
0.8998

■ 179.9740, -3.9312,
0.8998

■ 206.9740, -3.9312,
0.8998

■ 234.9740, -3.9312,

0.8998

■ 55.2020, -3.0576,
0.6998

■ 55.2020, -3.0576,
0.6998

■ 54.5180, -5.6784,
1.2997

■ 55.8860, -0.4368,
0.1000

■ 53.9480, -7.8624,
1.7996

■ 56.4560, 1.7472,
-0.3999

■ 53.2640, -10.4832,
2.3995

■ 57.1400, 4.3680,
-0.9998

■ 52.6940, -12.6671,
2.8994

■ 57.7100, 6.5520,
-1.4997

■ 52.0100, -15.2879,
3.4992

■ 58.3940, 9.1728,
-2.0995

■ 51.3260, -17.9087,
4.0991

■ 59.0780, 11.7935,
-2.6994

■ 50.7560, -20.0927,
4.5990

■ 59.6480, 13.9775,
-3.1993

■ 50.0720, -22.7135,
5.1989

■ 60.3320, 16.5983,
-3.7992

■ 49.6160, -24.4607,
5.5988

■ 60.9020, 18.7823,
-4.2991

Harmonies

Analogous

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



55.8110, -3.3578, 3.6738



55.2020, -3.0576, 0.6998



54.8210, -1.8838, -2.4740

Triad

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



55.2020, -3.0576, 0.6998



54.7650, 3.0739, -5.9329



56.1470, 0.4205, 5.1331

Complementary

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



55.2020, -3.0576, 0.6998



49.7980, 3.0576, -0.6998

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.



56.1790, 1.8838, 2.4740



55.2020, -3.0576, 0.6998



55.1890, 3.3578, -3.6738

Square

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



55.2020, -3.0576, 0.6998



54.7110, 1.6215, -6.7625



55.7980, 3.0576, -0.6998



55.9900, -1.4741, 6.1478

Rectangle

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



55.2020, -3.0576, 0.6998



54.4510, -0.7153, -3.9035



55.7980, 3.0576, -0.6998



55.9620, 1.0047, 4.4183

Sweetspot

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



55.2020, -3.0576, 0.6998



73.6580, -1.3104, 0.2999



51.0930, -1.0318, 4.3034



37.7720, -0.8736, 0.2000



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.



55.2020, -3.0576, 0.6998



72.7460, -4.8048, 1.0998



54.3050, -2.6154, -1.1445



27.6580, -1.3104, 0.2999



81.5120, -40.1854, 9.1980



194.0340, -95.6588, 21.8952

Inverse Universe

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



49.7980, 3.0576, -0.6998



64.2540, 4.8048, -1.0998



50.9940, 2.4680, 1.7593



25.3420, 1.3104, -0.2999



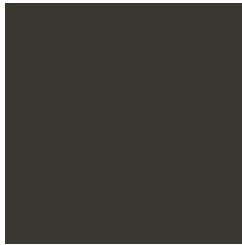
10.4880, 40.1854, -9.1980



24.9660, 95.6588, -21.8952

Previews

White Background



This preview shows how the YUV color 55.2020, -3.0576, 0.6998 looks on a white background.

Color Contrast Check

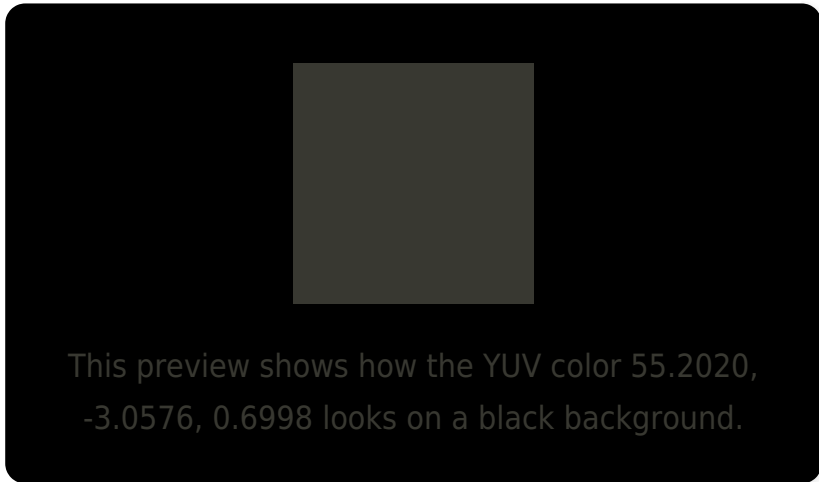
Large Text (above 18pt) WCAG AA ✓ Pass

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

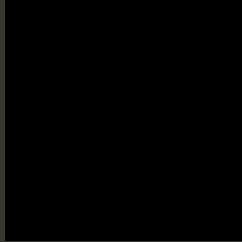
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.2020, -3.0576, 0.6998

Background



This preview shows how black text looks on a background with the YUV color 55.2020, -3.0576, 0.6998.



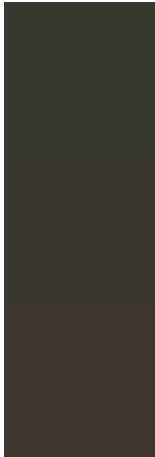
This preview shows how white text looks on a background with the YUV color 55.2020, -3.0576,

0.6998.

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

55.2020, -3.0576, 0.6998

Protanopia

55.2130, -3.0630, 2.4442

Deuteranopia

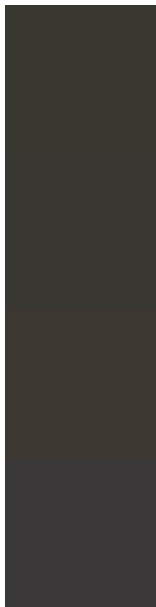
56.1210, -3.5107, 6.0329



Tritanopia

56.0540, 1.4524, 0.8296

Trichromacy



Original Color

55.2020, -3.0576, 0.6998

Protanomaly

54.9140, -2.9156, 1.8294

Deuteranomaly

55.8110, -3.3578, 3.6738

Tritanomaly

55.5980, -0.2948, 1.2296

Monochromacy



Original Color

55.2020, -3.0576, 0.6998

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.7720, -0.8736, 0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.2020, -3.0576, 0.6998 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(56, 56, 49)` looks like.

```
.text, #text, p{  
    color:rgb(56, 56, 49)  
}
```

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(56, 56, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 56, 49) }
```

Border

The CSS property to change the border of an element to YUV 55.2020, -3.0576, 0.6998 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(56, 56, 49) }
```


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

```
.border{ border-color:rgb(56, 56, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 56, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 56, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 56, 49);  
box-shadow:4px 4px 4px 4px rgb(56, 56, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.2020, -3.0576, 0.6998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 56, 49) }
```

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

```
.background{ background-color: rgb(56, 56,  
49) }
```

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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