

Converting Colors

YUV(53.3620, 4.2585, -12.5955)

Have a look what the booklet for
YUV(53.3620, 4.2585, -12.5955)
contains.

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Color

**YUV(53.3620, 4.2585,
-12.5955)**

Conversions

Conversions Part 1

Format	Color
Hex	273B3E
RGB	39, 59, 62
RGB Percent	15%, 23%, 24%
CMY	0.8471, 0.7686, 0.7569
CMYK	0.37, 0.05, 0.00, 0.76
HSL	188°, 23%, 20%
HSV	188°, 37%, 24%
XYZ	3.2702, 3.9071, 5.1392
YIQ	53.3620, -12.8830, -3.3070

Conversions

Conversions Part 2

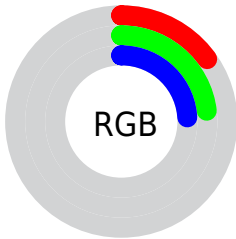
Format	Color
RYB	39, 50, 62
Decimal	2571070
CIELab	23.36, -7.04, -4.41
CIELCh	23, 8.309, 212.081
Yxy	3.9071, 0.2655, 0.3172
Android (android.graphics.Color)	4280761150 (0xFF273B3E)
YUV	53.3620, 4.2585, -12.5955
Hunter-Lab	19.7663, -5.0597, -1.5789

Details

The YUV color **53.3620, 4.2585, -12.5955** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **47.6380, -4.2585, 12.5955**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.0630, 4.4059, -13.2103**, and **12.2590, 3.8163, -10.7511** is the 20% darker color. If you saturate the color by 10%, you get **50.9810, 5.4324, -15.7693**, and if you desaturate by 10%, it is **55.7430, 3.0847, -9.4216**.

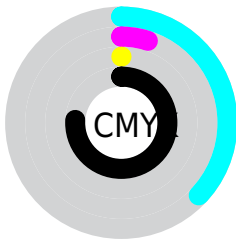
Distribution



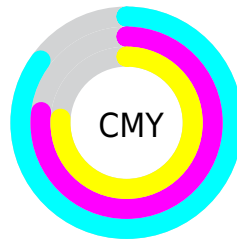
- Red (15%)
- Green (23%)
- Blue (24%)



- Red (15%)
- Yellow (20%)
- Blue (24%)



- Cyan (37%)
- Magenta (5%)
- Yellow (0%)
- Black (76%)



- Cyan (85%)
- Magenta (77%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.3620, 4.2585, -12.5955 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 53.3620, 4.2585, -12.5955 by changing the saturation by 10% instead.

■ 53.3620, 4.2585,
-12.5955

■ 53.3620, 4.2585,
-12.5955

■ 255.0000, 0.0000,
0.0000

■ 31.6610, 4.1111,
-11.9807

■ 100.0630, 4.4059,
-13.2103

■ 12.2590, 3.8163,
-10.7511

■ 125.1770, 4.8427,
-13.3102

■ 0.0000, 0.0000,
0.0000

■ 151.4650, 4.7008,
-14.4398

■ 177.8780, 4.9901,
-13.9250

■ 205.5790, 5.1376,
-14.5398

■ 233.5790, 5.1376,

-14.5398

252.0100, 1.4741,
-6.1478

53.3620, 4.2585,
-12.5955

53.3620, 4.2585,
-12.5955

50.9810, 5.4324,
-15.7693

55.7430, 3.0847,
-9.4216

48.6000, 6.6062,
-18.9432

58.1240, 1.9109,
-6.2477

46.5070, 7.6380,
-23.2466

60.2170, 0.8790,
-1.9443

44.1260, 8.8119,
-26.4205

62.5980, -0.2948,
1.2296

41.7450, 9.9857,
-29.5944

64.9790, -1.4686,
4.4034

■ 39.3640, 11.1595,
-32.7682

■ 67.3600, -2.6425,
7.5773

■ 38.7660, 11.4544,
-33.9978

■ 69.7410, -3.8163,
10.7511

■ 71.8340, -4.8482,
15.0546

■ 74.2150, -6.0220,
18.2284

Harmonies

Analogous

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



53.2760, 1.3429, -10.7661



53.3620, 4.2585, -12.5955



54.1280, 5.8529, -10.6363

Triad

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



53.3620, 4.2585, -12.5955



56.7280, 2.5991, 6.3775



55.1270, -5.9786, 4.2736

Complementary

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



53.3620, 4.2585, -12.5955



47.6380, -4.2585, 12.5955

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.



55.9750, -5.4107, 8.7919



53.3620, 4.2585, -12.5955



56.5390, -0.7587, 10.0513

Square

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



53.3620, 4.2585, -12.5955



56.2650, 4.7994, 0.6446



56.4420, -3.6689, 10.1364



54.4360, -4.6519, -1.2594

Rectangle

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



53.3620, 4.2585, -12.5955



55.2640, 6.2788, -7.2475



56.4420, -3.6689, 10.1364



55.7250, -6.2734, 5.5032

Sweetspot

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



53.3620, 4.2585, -12.5955



78.1350, 1.9054, -4.5034



52.8430, -5.3456, -12.1403



38.6190, 1.1738, -3.1739



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.



53.3620, 4.2585, -12.5955



68.0020, 6.9010, -20.1728



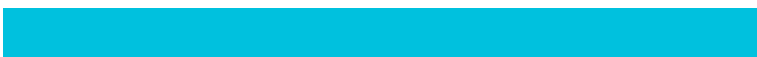
46.9050, 7.4418, -6.9327



29.5160, 0.7316, -1.3295



58.8500, 17.3289, -51.6114



138.5990, 41.1167, -121.5513

Inverse Universe

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



48.1570, 5.3456, 12.1403



59.7110, 8.5235, 19.5475



54.0950, -7.4418, 6.9327



29.1250, 0.4314, 1.6444



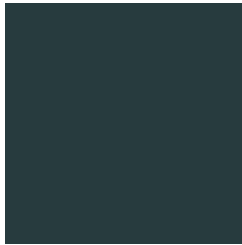
37.4540, 21.9612, 49.5908



88.3800, 51.5777, 117.1847

Previews

White Background



This preview shows how the YUV color 53.3620, 4.2585, -12.5955 looks on a white background.

Color Contrast Check

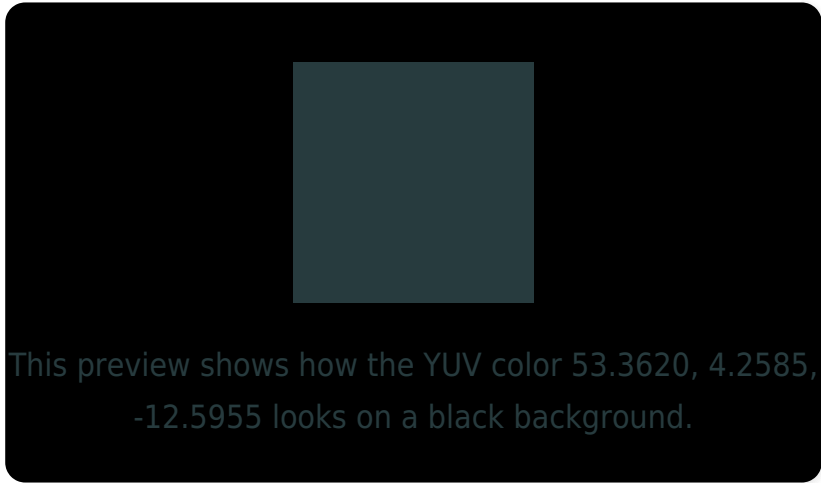
Large Text (above 18pt) WCAG AA ✓ Pass

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

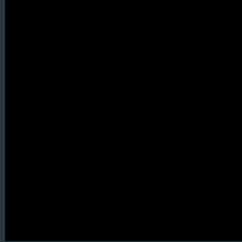
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.3620, 4.2585, -12.5955

Background



This preview shows how black text looks on a background with the YUV color 53.3620, 4.2585, -12.5955.



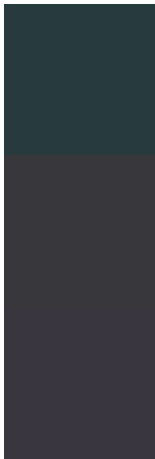
This preview shows how white text looks on a background with the YUV color 53.3620, 4.2585, -12.5955.

-12.5955.

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

53.3620, 4.2585, -12.5955

Protanopia

55.5700, 2.1840, -0.4999

Deuteranopia

55.9230, 3.4890, 0.9445



Tritanopia

53.4760, 4.6953, -12.6955

Trichromacy



Original Color

53.3620, 4.2585, -12.5955

Protanomaly

54.4770, 3.2158, -4.8033

Deuteranomaly

55.0040, 3.9420, -4.3885

Tritanomaly

53.4760, 4.6953, -12.6955

Monochromacy



Original Color

53.3620, 4.2585, -12.5955

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.0210, 1.4686, -4.4034

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.3620, 4.2585, -12.5955 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(39, 59, 62)` looks like.

```
.text, #text, p{  
    color:rgb(39, 59, 62)  
}
```

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(39, 59, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 59, 62) }
```

Border

The CSS property to change the border of an element to YUV 53.3620, 4.2585, -12.5955 is called "border". The border property can be set on classes, ids or directly on the HTML element.

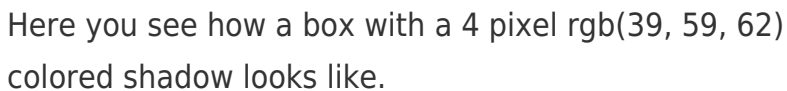
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(39, 59, 62) }
```


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

```
.border{ border-color:rgb(39, 59, 62) }
```

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



Here you see how a box with a 4 pixel `rgb(39, 59, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 59, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 59, 62);  
box-shadow:4px 4px 4px 4px rgb(39, 59, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.3620, 4.2585, -12.5955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 59, 62) }
```

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

```
.background{ background-color: rgb(39, 59,  
62) }
```

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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