

Converting Colors

YUV(53.3720, 5.7326, -18.7432)

Have a look what the booklet for
YUV(53.3720, 5.7326, -18.7432)
contains.

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Color

**YUV(53.3720, 5.7326,
-18.7432)**

Conversions

Conversions Part 1

Format	Color
Hex	203E41
RGB	32, 62, 65
RGB Percent	13%, 24%, 25%
CMY	0.8745, 0.7569, 0.7451
CMYK	0.51, 0.05, 0.00, 0.75
HSL	185°, 34%, 19%
HSV	185°, 51%, 25%
XYZ	3.2724, 4.1340, 5.6265
YIQ	53.3720, -18.8430, -5.4270

Conversions

Conversions Part 2

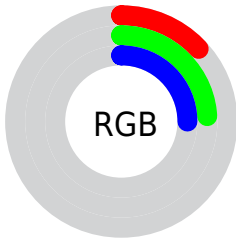
Format	Color
RYB	32, 48, 65
Decimal	2113089
CIELab	24.11, -10.23, -5.34
CIELCh	24, 11.536, 207.573
Yxy	4.1340, 0.2511, 0.3172
Android (android.graphics.Color)	4280303169 (0xFF203E41)
YUV	53.3720, 5.7326, -18.7432
Hunter-Lab	20.3322, -6.8521, -2.1747

Details

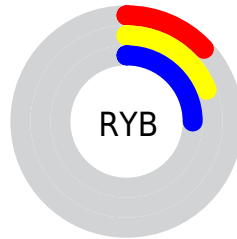
The YUV color **53.3720, 5.7326, -18.7432** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **43.6280, -5.7326, 18.7432**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.0730, 5.8800, -19.3580**, and **14.3620, 4.2585, -12.5955** is the 20% darker color. If you saturate the color by 10%, you get **50.9910, 6.9064, -21.9171**, and if you desaturate by 10%, it is **56.0520, 4.4114, -14.9546**.

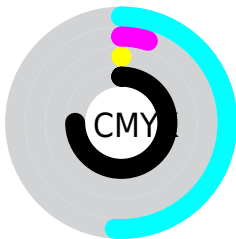
Distribution



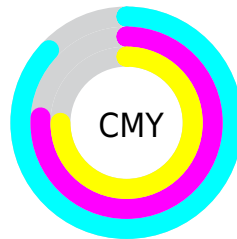
- Red (13%)
- Green (24%)
- Blue (25%)



- Red (13%)
- Yellow (19%)
- Blue (25%)



- Cyan (51%)
- Magenta (5%)
- Yellow (0%)
- Black (75%)



- Cyan (87%)
- Magenta (76%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.3720, 5.7326, -18.7432 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 53.3720, 5.7326, -18.7432 by changing the saturation by 10% instead.

■ 53.3720, 5.7326,
-18.7432

■ 53.3720, 5.7326,
-18.7432

■ 255.0000, 0.0000,
0.0000

■ 30.7740, 6.0274,
-19.9728

■ 101.0730, 5.8800,
-19.3580

■ 14.3620, 4.2585,
-12.5955

■ 126.0730, 5.8800,
-19.3580

■ 0.0000, 0.0000,
0.0000

■ 151.7740, 6.0274,
-19.9728

■ 178.8880, 6.4642,
-20.0728

■ 206.4750, 6.1748,
-20.5876

■ 234.5890, 6.6116,

-20.6876

250.2160, 2.3585,
-9.8364

53.3720, 5.7326,
-18.7432

53.3720, 5.7326,
-18.7432

50.9910, 6.9064,
-21.9171

56.0520, 4.4114,
-14.9546

48.8980, 7.9383,
-26.2205

57.8460, 3.5269,
-11.2659

46.2180, 9.2595,
-30.0092

60.5260, 2.2057,
-7.4773

44.4240, 10.1440,
-33.6978

62.3200, 1.3212,
-3.7886

42.0430, 11.3178,
-36.8717

65.0000, 0.0000,
0.0000

■ 67.3810, -1.1738,
3.1739

■ 69.4740, -2.2057,
7.4773

■ 71.8550, -3.3795,
10.6512

■ 73.6490, -4.2640,
14.3398

Harmonies

Analogous

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



53.5420, 1.2118, -15.3843



53.3720, 5.7326, -18.7432



54.7790, 8.4900, -16.4692

Triad

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



53.3720, 5.7326, -18.7432



59.0810, 3.9041, 7.8220



57.1550, -8.4574, 6.0031

Complementary

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



53.3720, 5.7326, -18.7432



43.6280, -5.7326, 18.7432

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.



57.8290, -7.3107, 11.5510



53.3720, 5.7326, -18.7432



58.6750, -0.3328, 13.4400

Square

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



53.3720, 5.7326, -18.7432



57.9490, 7.4201, 0.0447



58.6490, -4.2640, 14.3398



55.8660, -6.8359, -0.7595

Rectangle

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



53.3720, 5.7326, -18.7432



55.6270, 9.0579, -11.9509



58.6490, -4.2640, 14.3398



57.5790, -8.1734, 8.2622

Sweetspot

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



53.3720, 5.7326, -18.7432



79.8250, 2.0583, -6.8625



51.7130, -8.2395, -17.2883



40.9070, 1.0318, -4.3034



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



53.3720, 5.7326, -18.7432



65.8160, 8.9647, -28.7796



43.9800, 10.3629, -10.5065



32.1030, 0.4422, -1.8443



62.7140, 16.9030, -55.0002



145.2840, 38.8070, -127.4141

Inverse Universe

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



45.2870, 8.2395, 17.2883



53.4930, 12.5750, 26.7546



53.0200, -10.3629, 10.5065



31.2390, 0.8682, 1.5444



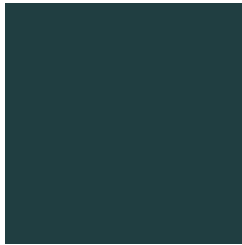
39.0350, 24.1397, 50.8353



90.2320, 56.0876, 117.3145

Previews

White Background



This preview shows how the YUV color 53.3720, 5.7326, -18.7432 looks on a white background.

Color Contrast Check

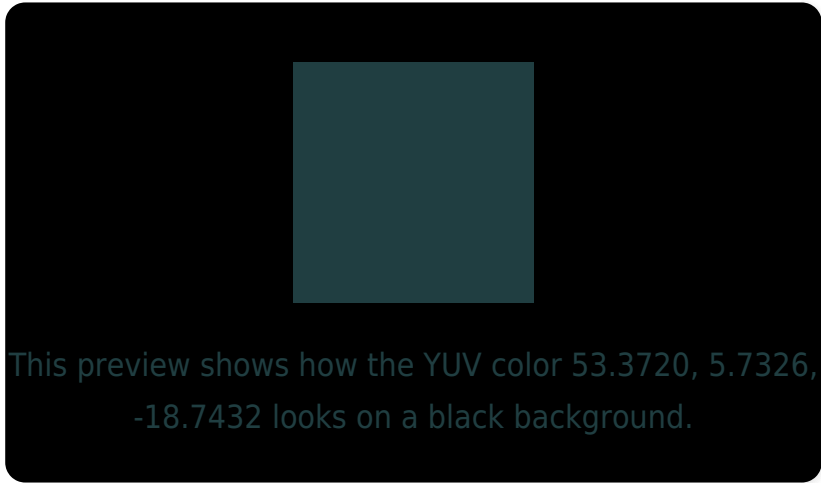
Large Text (above 18pt) WCAG AA ✓ Pass

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

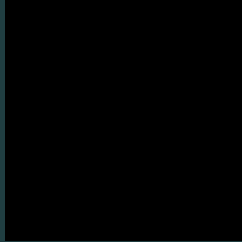
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.3720, 5.7326, -18.7432

Background



This preview shows how black text looks on a background with the YUV color 53.3720, 5.7326, -18.7432.



This preview shows how white text looks on a background with the YUV color 53.3720, 5.7326, -18.7432.

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

53.3720, 5.7326, -18.7432

Protanopia

57.5700, 2.1840, -0.4999

Deuteranopia

57.7380, 4.0732, 0.2298



Tritanopia

53.8990, 6.4588, -18.3284

Trichromacy



Original Color

53.3720, 5.7326, -18.7432

Protanomaly

56.1670, 3.3687, -7.1625

Deuteranomaly

56.2210, 4.8210, -6.3328

Tritanomaly

53.7850, 6.0220, -18.2284

Monochromacy



Original Color

53.3720, 5.7326, -18.7432

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.8250, 2.0583, -6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.3720, 5.7326, -18.7432 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(32, 62, 65)` looks like.

```
.text, #text, p{  
    color:rgb(32, 62, 65)  
}
```

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(32, 62, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 62, 65) }
```

Border

The CSS property to change the border of an element to YUV 53.3720, 5.7326, -18.7432 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(32, 62, 65) }
```


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

```
.border{ border-color:rgb(32, 62, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 62, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 62, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 62, 65);  
box-shadow:4px 4px 4px 4px rgb(32, 62, 65)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.3720, 5.7326, -18.7432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 62, 65) }
```

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

```
.background{ background-color: rgb(32, 62,  
65) }
```

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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