

Converting Colors

YUV(59.5550, 11.5584,
-20.6577)

Have a look what the booklet for
YUV(59.5550, 11.5584, -20.6577)
contains.

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Color

**YUV(59.5550, 11.5584,
-20.6577)**

Conversions

Conversions Part 1

Format	Color
Hex	244353
RGB	36, 67, 83
RGB Percent	14%, 26%, 33%
CMY	0.8588, 0.7373, 0.6745
CMYK	0.57, 0.19, 0.00, 0.67
HSL	200°, 39%, 23%
HSV	200°, 57%, 33%
XYZ	4.2960, 5.0139, 8.9250
YIQ	59.5550, -23.6120, -1.5960

Conversions

Conversions Part 2

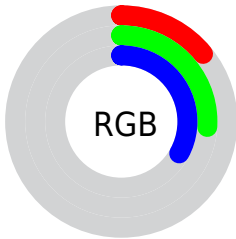
Format	Color
R_YB	36, 55, 83
Decimal	2376531
CIE _{Lab}	26.77, -6.27, -13.13
CIE _{LCh}	27, 14.548, 244.489
Yxy	5.0139, 0.2356, 0.2750
Android (android.graphics.Color)	4280566611 (0xFF244353)
YUV	59.5550, 11.5584, -20.6577
Hunter-Lab	22.3918, -4.9389, -7.9577

Details

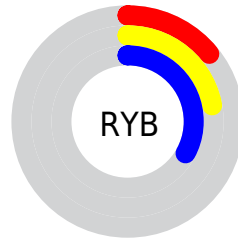
The YUV color **59.5550, 11.5584, -20.6577** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **59.4450, -11.5584, 20.6577**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.9680, 11.8478, -20.1429**, and **19.0070, 9.3635, -16.6691** is the 20% darker color. If you saturate the color by 10%, you get **55.4020, 13.6058, -24.0316**, and if you desaturate by 10%, it is **63.7080, 9.5110, -17.2839**.

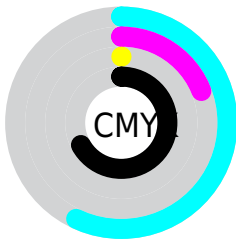
Distribution



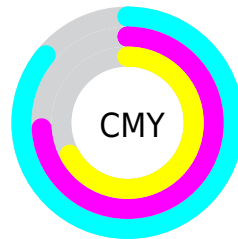
- Red (14%)
- Green (26%)
- Blue (33%)



- Red (14%)
- Yellow (22%)
- Blue (33%)



- Cyan (57%)
- Magenta (19%)
- Yellow (0%)
- Black (67%)



- Cyan (86%)
- Magenta (74%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.5550, 11.5584, -20.6577 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 59.5550, 11.5584, -20.6577 by changing the saturation by 10% instead.

■ 59.5550, 11.5584,
-20.6577

■ 59.5550, 11.5584,
-20.6577

■ 255.0000, 0.0000,
0.0000

■ 36.2450, 11.7112,
-23.0169

■ 107.9680, 11.8478,
-20.1429

■ 19.0070, 9.3635,
-16.6691

■ 133.1960, 12.7214,
-20.3429

■ 2.5250, 7.1362,
-2.2144

■ 159.8970, 12.8688,
-20.9577

■ 0.0000, 0.0000,
0.0000

■ 186.8970, 12.8688,
-20.9577

■ 214.7120, 13.4530,
-21.6724

■ 241.0020, 6.9010,

-20.1728

■ 252.6080, 1.1793,
-4.9182

■ 59.5550, 11.5584,
-20.6577

■ 59.5550, 11.5584,
-20.6577

■ 55.4020, 13.6058,
-24.0316

■ 63.7080, 9.5110,
-17.2839

■ 50.9500, 15.8007,
-28.0201

■ 68.1600, 7.3161,
-13.2953

■ 47.3840, 17.5587,
-31.9088

■ 71.7260, 5.5581,
-9.4067

■ 43.2310, 19.6061,
-35.2826

■ 75.8790, 3.5107,
-6.0329

■ 41.7470, 20.3377,
-36.6121

■ 80.0320, 1.4632,
-2.6591

■ 84.4840, -0.7316,
1.3295

■ 88.6370, -2.7790,
4.7034

■ 92.7900, -4.8265,
8.0772

■ 96.6550, -6.7319,
12.5806

Harmonies

Analogous

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



57.4250, 8.6645, -25.8057



59.5550, 11.5584, -20.6577



62.5070, 11.0890, -10.0916

Triad

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



59.5550, 11.5584, -20.6577



64.7680, -1.3646, 17.7435



60.9150, -7.8461, -3.4335

Complementary

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



59.5550, 11.5584, -20.6577



59.4450, -11.5584, 20.6577

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.



62.5850, -10.6414, 6.5030



59.5550, 11.5584, -20.6577



64.1010, -6.4588, 18.3284

Square

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



59.5550, 11.5584, -20.6577



64.8150, 4.0352, 12.4402



63.2700, -9.5001, 13.7952



60.0000, -3.4510, -13.1550

Rectangle

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



59.5550, 11.5584, -20.6577



63.8070, 9.4621, -1.5847



63.2700, -9.5001, 13.7952



61.5950, -9.1673, 0.3552

Sweetspot

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



59.5550, 11.5584, -20.6577



98.0960, 4.3897, -7.9772



65.4130, -6.6126, -25.7952



48.3630, 2.7790, -4.7034



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



59.5550, 11.5584, -20.6577



70.4980, 17.9955, -32.0087



46.0540, 18.2144, -8.8174



38.6300, 1.1684, -1.4295



52.4730, 25.8958, -46.0188



116.2590, 57.0603, -101.9591

Inverse Universe

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



53.5870, 6.6126, 25.7952



61.2990, 10.2056, 40.0798



72.9460, -18.2144, 8.8174



38.4240, 0.2840, 2.2592



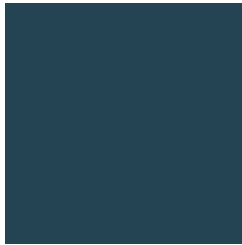
39.2610, 14.6613, 57.6531



86.8100, 32.6317, 127.3316

Previews

White Background



This preview shows how the YUV color 59.5550, 11.5584, -20.6577 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



This preview shows how the YUV color 59.5550, 11.5584, -20.6577 looks on a 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 59.5550, 11.5584, -20.6577

Background



This preview shows how black text looks on a background with the YUV color 59.5550, 11.5584, -20.6577.



This preview shows how white text looks on a background with the YUV color 59.5550, 11.5584,

-20.6577.

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

59.5550, 11.5584, -20.6577

Protanopia

63.1550, 8.3046, -3.6439

Deuteranopia

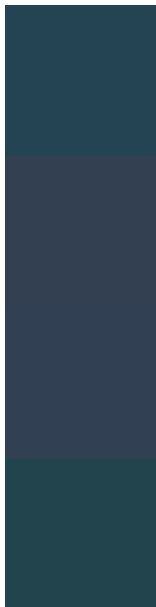
63.3120, 10.1992, -4.6586



Tritanopia

58.5070, 7.6380, -23.2466

Trichromacy



Original Color

59.5550, 11.5584, -20.6577

Protanomaly

62.0510, 9.3419, -9.6917

Deuteranomaly

62.0940, 10.7997, -10.6064

Tritanomaly

58.5610, 9.0904, -22.4170

Monochromacy



Original Color

59.5550, 11.5584, -20.6577

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.9820, 3.9529, -7.8772

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.5550, 11.5584, -20.6577 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(36, 67, 83)` looks like.

```
.text, #text, p{  
    color:rgb(36, 67, 83)  
}
```

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(36, 67, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 67, 83) }
```

Border

The CSS property to change the border of an element to YUV 59.5550, 11.5584, -20.6577 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(36, 67, 83) }
```


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

```
.border{ border-color:rgb(36, 67, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 67, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 67, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 67, 83);  
box-shadow:4px 4px 4px 4px rgb(36, 67, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.5550, 11.5584, -20.6577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 67, 83) }
```

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

```
.background{ background-color: rgb(36, 67,  
83) }
```

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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