

Converting Colors

YUV(69.8590, -6.3395, -20.0473)

Have a look what the booklet for
YUV(69.8590, -6.3395, -20.0473)
contains.

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Color

**YUV(69.8590, -6.3395,
-20.0473)**

Conversions

Conversions Part 1

Format	Color
Hex	2F5439
RGB	47, 84, 57
RGB Percent	18%, 33%, 22%
CMY	0.8157, 0.6706, 0.7765
CMYK	0.44, 0.00, 0.32, 0.67
HSL	136°, 28%, 26%
HSV	136°, 44%, 33%
XYZ	5.0811, 7.2404, 5.0006
YIQ	69.8590, -13.3850, -16.2410

Conversions

Conversions Part 2

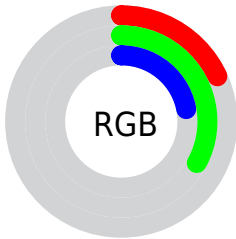
Format	Color
R_{YB}	47, 76, 84
Decimal	3101753
CIE _{Lab}	32.35, -20.04, 11.74
CIE _{LCh}	32, 23.225, 149.648
Yxy	7.2404, 0.2933, 0.4180
Android (android.graphics.Color)	4281291833 (0xFF2F5439)
YUV	69.8590, -6.3395, -20.0473
Hunter-Lab	26.9080, -13.3821, 7.8170

Details

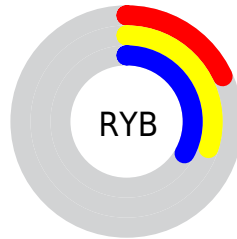
The YUV color **69.8590, -6.3395, -20.0473** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **61.1410, 6.3395, 20.0473**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.9190, -7.3551, -20.9770**, and **24.5000, -5.1765, -19.7325** is the 20% darker color. If you saturate the color by 10%, you get **66.7830, -7.7810, -24.3657**, and if you desaturate by 10%, it is **72.9350, -4.8980, -15.7290**.

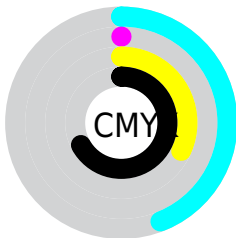
Distribution



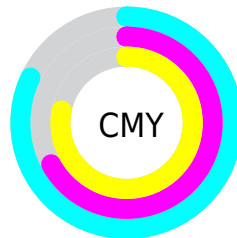
- Red (18%)
- Green (33%)
- Blue (22%)



- Red (18%)
- Yellow (30%)
- Blue (33%)



- Cyan (44%)
- Magenta (0%)
- Yellow (32%)
- Black (67%)



- Cyan (82%)
- Magenta (67%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.8590, -6.3395, -20.0473 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 69.8590, -6.3395, -20.0473 by changing the saturation by 10% instead.

■ 69.8590, -6.3395,
-20.0473

■ 69.8590, -6.3395,
-20.0473

255.0000, 0.0000,
0.0000

■ 46.9730, -5.9027,
-20.1473

■ 118.9190, -7.3551,
-20.9770

■ 24.5000, -5.1765,
-19.7325

■ 144.5060, -7.6445,
-21.4918

■ 8.8050, -4.3409,
-7.7220

■ 171.0930, -7.9338,
-22.0066

■ 0.0000, 0.0000,
0.0000

■ 198.6800, -8.2232,
-22.5214

■ 227.2670, -8.5126,
-23.0362

■ 245.2880, -3.5930,

-14.2846

■ 69.8590, -6.3395,
-20.0473

■ 69.8590, -6.3395,
-20.0473

■ 66.7830, -7.7810,
-24.3657

■ 72.9350, -4.8980,
-15.7290

■ 63.4080, -9.0751,
-29.2988

■ 76.3100, -3.6038,
-10.7959

■ 60.3320, -10.5167,
-33.6172

■ 79.3860, -2.1623,
-6.4775

■ 56.8430, -12.2476,
-38.4503

■ 82.8750, -0.4314,
-1.6444

■ 53.7670, -13.6891,
-42.7687

■ 85.9510, 1.0102,
2.6740

■ 51.9300, -14.2625,
-45.5426

■ 89.0270, 2.4517,
6.9923

■ 92.4020, 3.7458,
11.9254

■ 95.4780, 5.1873,
16.2438

■ 98.8530, 6.4815,
21.1769

Harmonies

Analogous

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



72.6070, -14.1033, -3.1633



69.8590, -6.3395, -20.0473



64.4140, 5.2189, -40.7051

Triad

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



69.8590, -6.3395, -20.0473



72.9060, 19.2733, -21.8426



76.8960, -8.8227, 29.9092

Complementary

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



69.8590, -6.3395, -20.0473



61.1410, 6.3395, 20.0473

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.



78.0620, -0.5236, 28.0096



69.8590, -6.3395, -20.0473



77.3110, 15.1297, 0.6043

Square

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



69.8590, -6.3395, -20.0473



62.1150, 22.1283, -50.9669



78.5860, 8.0921, 17.9031



76.4300, -15.4950, 23.3019

Rectangle

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



69.8590, -6.3395, -20.0473



60.5140, 13.5506, -53.0708



78.5860, 8.0921, 17.9031



76.9930, -5.9125, 29.8241

Sweetspot

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



69.8590, -6.3395, -20.0473



104.2610, -2.5937, -8.1219



76.7920, -14.6875, -2.4486



52.6250, -1.2941, -4.9331



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



69.8590, -6.3395, -20.0473



87.7560, -10.2327, -31.3580



71.9110, 1.5229, -21.8469



39.4620, -0.7208, -2.1592



64.8270, -18.1557, -56.8533



143.3660, -39.6204, -125.7320

Inverse Universe

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



61.1410, 6.3395, 20.0473



74.1300, 9.7959, 31.4580



59.0890, -1.5229, 21.8469



38.5380, 0.7208, 2.1592



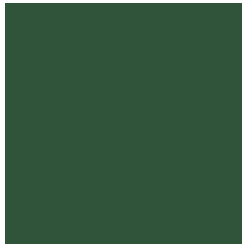
40.0590, 17.7189, 56.9533



88.6340, 39.6204, 125.7320

Previews

White Background



This preview shows how the YUV color 69.8590, -6.3395, -20.0473 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 69.8590, -6.3395, -20.0473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

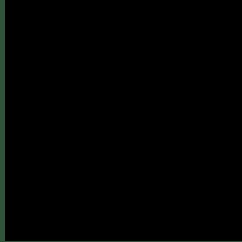
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.8590, -6.3395, -20.0473

Background



This preview shows how black text looks on a background with the YUV color 69.8590, -6.3395, -20.0473.



This preview shows how white text looks on a background with the YUV color 69.8590, -6.3395,

-20.0473.

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

69.8590, -6.3395, -20.0473

Protanopia

75.1720, -10.9308, 5.9882

Deuteranopia

76.1880, -8.4737, 11.2361



Tritanopia

73.0240, 6.8902, -16.6840

Trichromacy



Original Color

69.8590, -6.3395, -20.0473

Protanomaly

73.1600, -9.4459, -3.6483

Deuteranomaly

73.9370, -7.8569, 0.0553

Tritanomaly

71.4600, 2.2382, -17.9434

Monochromacy



Original Color

69.8590, -6.3395, -20.0473

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9730, -2.4517, -6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.8590, -6.3395, -20.0473 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(47, 84, 57)` looks like.

```
.text, #text, p{  
    color:rgb(47, 84, 57)  
}
```

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(47, 84, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 84, 57) }
```

Border

The CSS property to change the border of an element to YUV 69.8590, -6.3395, -20.0473 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(47, 84, 57) }
```


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

```
.border{ border-color:rgb(47, 84, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 84, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 84, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 84, 57);  
box-shadow:4px 4px 4px 4px rgb(47, 84, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.8590, -6.3395, -20.0473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 84, 57) }
```

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

```
.background{ background-color: rgb(47, 84,  
57) }
```

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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