

Converting Colors

YUV(61.6510, -4.2649, -32.1429)

Have a look what the booklet for
YUV(61.6510, -4.2649, -32.1429)
contains.

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Color

**YUV(61.6510, -4.2649,
-32.1429)**

Conversions

Conversions Part 1

Format	Color
Hex	195235
RGB	25, 82, 53
RGB Percent	10%, 32%, 21%
CMY	0.9020, 0.6784, 0.7922
CMYK	0.70, 0.00, 0.35, 0.68
HSL	149°, 53%, 21%
HSV	149°, 70%, 32%
XYZ	4.0608, 6.4983, 4.4084
YIQ	61.6510, -24.6630, -21.1030

Conversions

Conversions Part 2

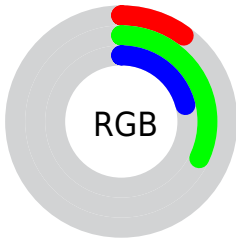
Format	Color
R_{YB}	25, 63, 82
Decimal	1659445
CIE _{Lab}	30.64, -26.22, 11.73
CIE _{LCh}	31, 28.729, 155.898
Yxy	6.4983, 0.2713, 0.4342
Android (android.graphics.Color)	4279849525 (0xFF195235)
YUV	61.6510, -4.2649, -32.1429
Hunter-Lab	25.4918, -16.1758, 7.5909

Details

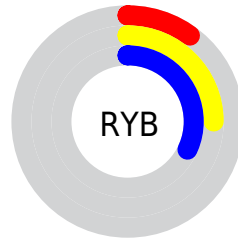
The YUV color **61.6510, -4.2649, -32.1429** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **45.3490, 4.2649, 32.1429**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.6080, -5.7227, -31.2282**, and **22.7450, -6.7763, -19.9474** is the 20% darker color. If you saturate the color by 10%, you get **58.8030, -4.8329, -36.6612**, and if you desaturate by 10%, it is **64.4990, -3.6970, -27.6246**.

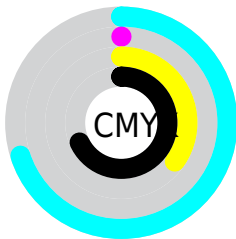
Distribution



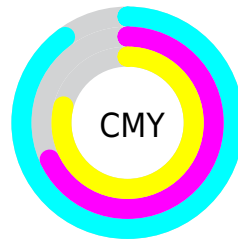
- Red (10%)
- Green (32%)
- Blue (21%)



- Red (10%)
- Yellow (25%)
- Blue (32%)



- Cyan (70%)
- Magenta (0%)
- Yellow (35%)
- Black (68%)



- Cyan (90%)
- Magenta (68%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.6510, -4.2649, -32.1429 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 61.6510, -4.2649, -32.1429 by changing the saturation by 10% instead.

■ 61.6510, -4.2649,
-32.1429

■ 61.6510, -4.2649,
-32.1429

255.0000, 0.0000,
0.0000

■ 38.2810, -3.0965,
-33.5724

■ 111.6080, -5.7227,
-31.2282

■ 22.7450, -6.7763,
-19.9474

■ 137.1950, -6.0121,
-31.7430

■ 2.3480, -1.1576,
-2.0592

■ 163.7820, -6.3015,
-32.2578

■ 0.0000, 0.0000,
0.0000

■ 191.2550, -7.0277,
-32.6726

■ 219.8420, -7.3171,
-33.1874

■ 239.0370, -2.9762,

-25.4654

249.9170, 2.5059,
-10.4512

61.6510, -4.2649,
-32.1429

61.6510, -4.2649,
-32.1429

58.8030, -4.8329,
-36.6612

64.4990, -3.6970,
-27.6246

55.9550, -5.4008,
-41.1795

67.3470, -3.1291,
-23.1063

52.6940, -6.2581,
-46.2126

70.6080, -2.2717,
-18.0732

73.4560, -1.7038,
-13.5549

76.3040, -1.1359,
-9.0366

■ 79.1520, -0.5679,
-4.5183

■ 82.0000, 0.0000,
0.0000

■ 85.1470, 0.4205,
5.1331

■ 88.1090, 1.4253,
9.5514

Harmonies

Analogous

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



66.7050, -16.1236, -8.5113



61.6510, -4.2649, -32.1429



57.3850, 9.1772, -50.3266

Triad

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



61.6510, -4.2649, -32.1429



68.1490, 24.0835, -24.6867



71.7180, -12.1860, 35.3273

Complementary

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



61.6510, -4.2649, -32.1429



45.3490, 4.2649, 32.1429

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.



73.0630, -2.0031, 35.9017



61.6510, -4.2649, -32.1429



73.9140, 17.2974, 5.3374

Square

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



61.6510, -4.2649, -32.1429



59.2550, 26.4963, -51.9666



74.0430, 8.3598, 25.3953



71.0020, -19.7210, 25.4312

Rectangle

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



61.6510, -4.2649, -32.1429



59.0950, 15.7292, -51.8263



74.0430, 8.3598, 25.3953



72.2280, -8.9864, 35.7570

Sweetspot

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



61.6510, -4.2649, -32.1429



99.1680, -1.5618, -12.4253



67.1300, -20.7701, -11.5150



49.0160, -0.9939, -7.9070



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.



61.6510, -4.2649, -32.1429



75.2590, -6.5367, -50.2161



64.8430, 7.9654, -34.9423



39.5760, -0.2840, -2.2592



67.4490, -8.1094, -59.1528



149.1800, -17.3437, -130.8309

Inverse Universe

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



45.3490, 4.2649, 32.1429



49.7410, 6.5367, 50.2161



42.1570, -7.9654, 34.9423



38.4240, 0.2840, 2.2592



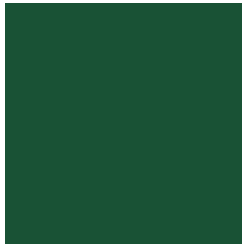
37.4370, 7.6726, 59.2528



82.8200, 17.3437, 130.8309

Previews

White Background



This preview shows how the YUV color 61.6510, -4.2649, -32.1429 looks on a white background.

Color Contrast Check

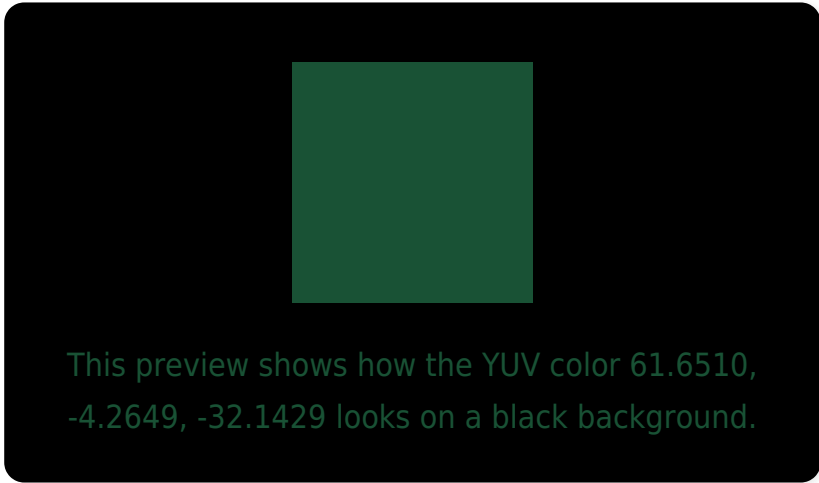
Large Text (above 18pt) WCAG AA ✓ Pass

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

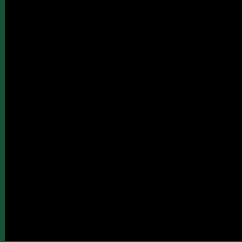
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.6510, -4.2649, -32.1429

Background



This preview shows how black text looks on a background with the YUV color 61.6510, -4.2649, -32.1429.



This preview shows how white text looks on a background with the YUV color 61.6510, -4.2649, -32.1429.

-32.1429.

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

61.6510, -4.2649, -32.1429

Protanopia

71.1720, -10.9308, 5.9882

Deuteranopia

72.0030, -7.8895, 10.5214



Tritanopia

66.4250, 8.6645, -25.8057

Trichromacy



Original Color

61.6510, -4.2649, -32.1429

Protanomaly

67.9530, -8.8508, -7.8518

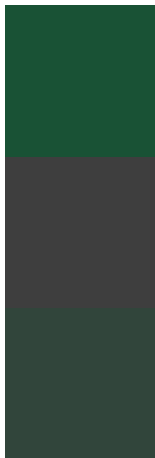
Deuteranomaly

68.5450, -6.6777, -4.8630

Tritanomaly

64.5620, 4.1599, -27.6799

Monochromacy



Original Color

61.6510, -4.2649, -32.1429

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.8800, -1.4198, -11.2958

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.6510, -4.2649, -32.1429 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(25, 82, 53)` looks like.

```
.text, #text, p{  
    color:rgb(25, 82, 53)  
}
```

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(25, 82, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 82, 53) }
```

Border

The CSS property to change the border of an element to YUV 61.6510, -4.2649, -32.1429 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(25, 82, 53) }
```


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

```
.border{ border-color:rgb(25, 82, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 82, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 82, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 82, 53);  
box-shadow:4px 4px 4px 4px rgb(25, 82, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.6510, -4.2649, -32.1429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 82, 53) }
```

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

```
.background{ background-color: rgb(25, 82,  
53) }
```

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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