

Converting Colors

YUV(59.5650, 53.4585,
-19.7895)

Have a look what the booklet for
YUV(59.5650, 53.4585, -19.7895)
contains.

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Color

**YUV(59.5650, 53.4585,
-19.7895)**

Conversions

Conversions Part 1

Format	Color
Hex	2532A8
RGB	37, 50, 168
RGB Percent	15%, 20%, 66%
CMY	0.8549, 0.8039, 0.3412
CMYK	0.78, 0.70, 0.00, 0.34
HSL	234°, 64%, 40%
HSV	234°, 78%, 66%
XYZ	8.9714, 5.5017, 37.6349
YIQ	59.5650, -45.6260, 33.9420

Conversions

Conversions Part 2

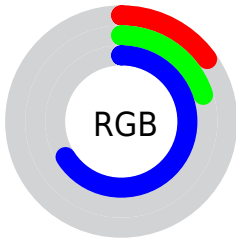
Format	Color
R _Y B	37, 49, 168
Decimal	2437800
CIE Lab	28.12, 37.49, -64.29
CIE LCh	28, 74.424, 300.246
Yxy	5.5017, 0.1722, 0.1056
Android (android.graphics.Color)	4280627880 (0xFF2532A8)
YUV	59.5650, 53.4585, -19.7895
Hunter-Lab	23.4556, 27.2262, -78.7126

Details

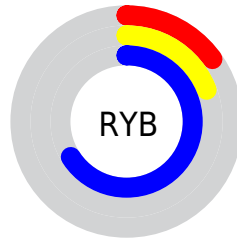
The YUV color **59.5650, 53.4585, -19.7895** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **145.4350, -53.4585, 19.7895**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.5710, 54.4415, -8.3938**, and **18.3930, 47.6273, -16.1307** is the 20% darker color. If you saturate the color by 10%, you get **45.6770, 60.3052, -22.5187**, and if you desaturate by 10%, it is **73.4530, 46.6117, -17.0603**.

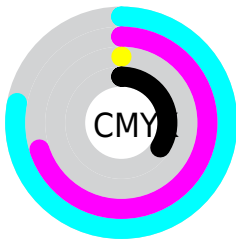
Distribution



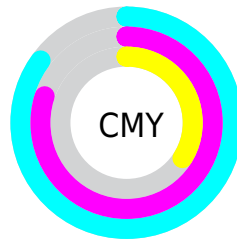
- Red (15%)
- Green (20%)
- Blue (66%)



- Red (15%)
- Yellow (19%)
- Blue (66%)



- Cyan (78%)
- Magenta (70%)
- Yellow (0%)
- Black (34%)



- Cyan (85%)
- Magenta (80%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.5650, 53.4585, -19.7895 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 59.5650, 53.4585, -19.7895 by changing the saturation by 10% instead.

■ 59.5650, 53.4585,
-19.7895

■ 59.5650, 53.4585,
-19.7895

■ 255.0000, 0.0000,
0.0000

■ 33.0970, 53.1962,
-29.0261

■ 113.5710, 54.4415,
-8.3938

■ 18.3930, 47.6273,
-16.1307

■ 140.5220, 55.4517,
-5.7198

■ 10.1460, 38.8750,
-8.8980

■ 164.9820, 44.3789,
-0.8612

■ 11.5190, 26.3661,
-10.1022

■ 189.5020, 32.2905,
3.0677

■ 6.5490, 17.4773,
-5.7435

■ 214.3210, 20.0547,
7.6115

■ 2.8670, 8.4466,
-2.5144

■ 239.7270, 7.5296,

■ 0.0000, 0.0000,

11.6404

0.0000

■ 59.5650, 53.4585,
-19.7895

■ 59.5650, 53.4585,
-19.7895

■ 45.6770, 60.3052,
-22.5187

■ 73.4530, 46.6117,
-17.0603

■ 31.7890, 67.1520,
-25.2480

■ 87.3410, 39.7649,
-14.3311

■ 29.1310, 68.4624,
-25.5479

■ 100.9300, 33.0655,
-12.2166

■ 115.4050, 25.9293,
-10.0022

■ 129.2930, 19.0826,
-7.2730

■ 143.1810, 12.2358,
-4.5437

■ 157.0690, 5.3890,
-1.8145

■ 170.6580, -1.3104,
0.2999

■ 184.5460, -8.1572,
3.0292

Harmonies

Analogous

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



65.5880, 58.3771, -57.5207



59.5650, 53.4585, -19.7895



53.1200, 35.4368, 67.4238

Triad

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



59.5650, 53.4585, -19.7895



57.9200, -28.5546, 58.8292



58.4790, 3.2149, -51.2861

Complementary

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



59.5650, 53.4585, -19.7895



145.4350, -53.4585, 19.7895

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.



49.3080, -24.3088, -43.2431



59.5650, 53.4585, -19.7895



62.6730, -30.8978, 16.9498

Square

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



59.5650, 53.4585, -19.7895



47.2290, -16.8749, 92.7612



48.7760, -24.0466, -34.0066



65.7920, 28.6965, -57.6996

Rectangle

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



59.5650, 53.4585, -19.7895



55.7790, 15.8850, 85.2628



48.7760, -24.0466, -34.0066



55.6120, -5.2317, -48.7717

Sweetspot

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



59.5650, 53.4585, -19.7895



177.6350, 20.3929, -7.5729



127.3490, 13.6319, -79.2361



84.2950, 12.6726, -4.6437



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



59.5650, 53.4585, -19.7895



48.8110, 83.9032, -31.4062



67.4820, 49.5554, 18.8713



77.4990, 3.2050, -1.3146



25.6770, 60.3052, -22.5187



3.4540, 8.1572, -3.0292

Inverse Universe

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



77.6510, -13.6319, 79.2361



76.9880, -21.1931, 124.5445



137.5180, -49.5554, -18.8713



78.5060, -0.7425, 4.8182



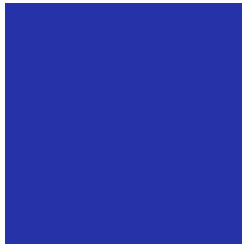
45.9620, -15.2643, 89.4873



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 59.5650, 53.4585, -19.7895 looks on a white background.

Color Contrast Check

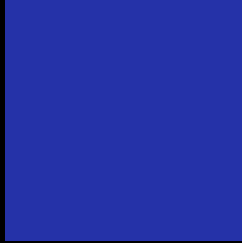
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.5650, 53.4585, -19.7895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

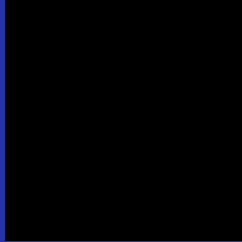
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.5650, 53.4585, -19.7895

Background



This preview shows how black text looks on a background with the YUV color 59.5650, 53.4585, -19.7895.



This preview shows how white text looks on a background with the YUV color 59.5650, 53.4585,

-19.7895.

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

59.5650, 53.4585, -19.7895

Protanopia

52.9580, 40.4467, -46.4442

Deuteranopia

53.0260, 30.5532, -46.5038



Tritanopia

52.3300, 12.6553, -45.8934

Trichromacy



Original Color

59.5650, 53.4585, -19.7895

Protanomaly

55.2780, 45.2189, -37.0778

Deuteranomaly

54.9700, 38.9618, -36.8077

Tritanomaly

54.6960, 27.7579, -36.5674

Monochromacy



Original Color

59.5650, 53.4585, -19.7895

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.7060, 19.3719, -6.7582

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.5650, 53.4585, -19.7895 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(37, 50, 168)` looks like.

```
.text, #text, p{  
    color:rgb(37, 50, 168)  
}
```

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(37, 50, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 50, 168) }
```

Border

The CSS property to change the border of an element to YUV 59.5650, 53.4585, -19.7895 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(37, 50, 168) }
```


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

```
.border{ border-color:rgb(37, 50, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 50, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 50, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 50, 168);  
box-shadow:4px 4px 4px 4px rgb(37, 50,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 59.5650, 53.4585, -19.7895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 50, 168) }
```

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

```
.background{ background-color: rgb(37, 50,  
168) }
```

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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