

Converting Colors

YUV(36.5740, 59.8630,
-20.6744)

Have a look what the booklet for
YUV(36.5740, 59.8630, -20.6744)
contains.

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Color

**YUV(36.5740, 59.8630,
-20.6744)**

Conversions

Conversions Part 1

Format	Color
Hex	0D199E
RGB	13, 25, 158
RGB Percent	5%, 10%, 62%
CMY	0.9490, 0.9020, 0.3804
CMYK	0.92, 0.84, 0.00, 0.38
HSL	235°, 85%, 34%
HSV	235°, 92%, 62%
XYZ	6.6852, 3.2494, 32.6226
YIQ	36.5740, -49.8450, 38.8190

Conversions

Conversions Part 2

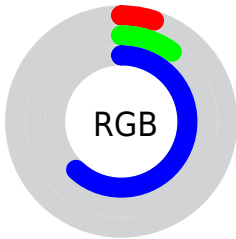
Format	Color
R_{YB}	13, 24, 158
Decimal	858526
CIE _{Lab}	21.02, 46.84, -70.01
CIE _{LCh}	21, 84.231, 303.785
Y _{xy}	3.2494, 0.1571, 0.0764
Android (android.graphics.Color)	4279048606 (0xFF0D199E)
YUV	36.5740, 59.8630, -20.6744
Hunter-Lab	18.0262, 34.6522, -94.6805

Details

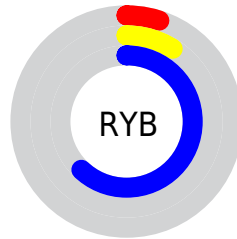
The YUV color **36.5740, 59.8630, -20.6744** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **134.4260, -59.8630, 20.6744**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.7660, 58.7824, -0.6718**, and **11.9700, 45.8638, -10.4977** is the 20% darker color. If you saturate the color by 10%, you get **25.6430, 65.2520, -22.4889**, and if you desaturate by 10%, it is **49.5760, 53.4530, -18.0452**.

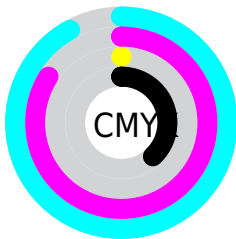
Distribution



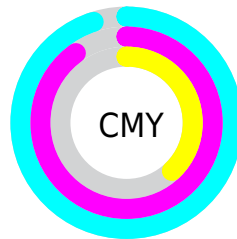
- Red (5%)
- Green (10%)
- Blue (62%)



- Red (5%)
- Yellow (9%)
- Blue (62%)



- Cyan (92%)
- Magenta (84%)
- Yellow (0%)
- Black (38%)



- Cyan (95%)
- Magenta (90%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.5740, 59.8630, -20.6744 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 36.5740, 59.8630, -20.6744 by changing the saturation by 10% instead.

■ 36.5740, 59.8630,
-20.6744

■ 36.5740, 59.8630,
-20.6744

■ 255.0000, 0.0000,
0.0000

■ 16.1080, 56.6418,
-14.1267

■ 94.7660, 58.7824,
-0.6718

■ 11.9700, 45.8638,
-10.4977

■ 121.7170, 59.7925,
2.0022

■ 11.4680, 33.7863,
-10.0574

■ 146.7300, 53.3771,
6.3758

■ 9.3190, 23.0137,
-8.1728

■ 171.5490, 41.1413,
10.9195

■ 4.9360, 13.8356,
-4.3289

■ 196.3680, 28.9056,
15.4633

■ 0.7980, 3.0576,
-0.6998

■ 221.1870, 16.6698,

■ 0.0000, 0.0000,

20.0070

0.0000

241.4990, 6.6560,
11.8404

36.5740, 59.8630,
-20.6744

36.5740, 59.8630,
-20.6744

25.6430, 65.2520,
-22.4889

49.5760, 53.4530,
-18.0452

63.1650, 46.7537,
-15.9307

75.8680, 40.4911,
-13.9162

89.4570, 33.7917,
-11.8018

102.4590, 27.3817,
-9.1725

■ 116.0480, 20.6823,
-7.0581

■ 129.0500, 14.2724,
-4.4288

■ 142.3400, 7.7204,
-2.9292

■ 155.3420, 1.3104,
-0.2999

Harmonies

Analogous

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



56.4410, 61.4076, -49.4988



36.5740, 59.8630, -20.6744



49.2740, 28.4589, 65.5347

Triad

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



36.5740, 59.8630, -20.6744



39.9010, -19.6712, 56.2148



47.5880, 4.6401, -41.7347

Complementary

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



36.5740, 59.8630, -20.6744



134.4260, -59.8630, 20.6744

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.



39.9160, -19.6786, -35.0063



36.5740, 59.8630, -20.6744



47.2680, -23.3031, 7.6580

Square

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



36.5740, 59.8630, -20.6744



40.6640, -20.0474, 83.6097



36.9810, -18.2316, -32.4323



55.3570, 31.8690, -48.5481

Rectangle

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



36.5740, 59.8630, -20.6744



50.5800, 7.6021, 81.9293



36.9810, -18.2316, -32.4323



44.4930, -4.6800, -39.0204

Sweetspot

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



36.5740, 59.8630, -20.6744



158.5470, 23.8873, -8.3727



113.2770, 16.1324, -87.9429



74.8650, 14.8566, -5.1436



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



36.5740, 59.8630, -20.6744



33.5770, 85.4975, -29.4470



47.4700, 54.4913, 22.3898



72.4990, 3.2050, -1.3146



23.3460, 58.9894, -20.4744



2.2970, 6.2626, -2.0145

Inverse Universe

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



57.7230, -16.1324, 87.9429



63.8310, -23.0877, 125.5592



123.5300, -54.4913, -22.3898



73.5060, -0.7425, 4.8182



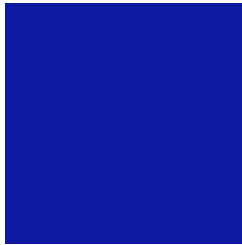
44.1250, -15.8376, 86.7134



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 36.5740, 59.8630, -20.6744 looks on a white background.

Color Contrast Check

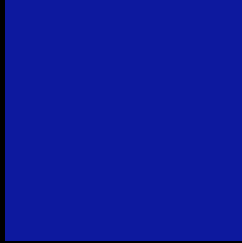
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.5740, 59.8630, -20.6744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

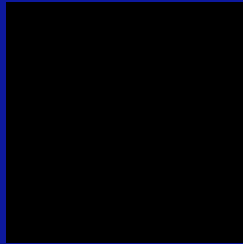
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.5740, 59.8630, -20.6744

Background



This preview shows how black text looks on a background with the YUV color 36.5740, 59.8630, -20.6744.



This preview shows how white text looks on a background with the YUV color 36.5740, 59.8630, -20.6744.

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

36.5740, 59.8630, -20.6744

Protanopia

41.3200, 31.3942, -36.2376

Deuteranopia

41.2570, 23.5373, -36.1824



Tritanopia

40.2990, 9.7126, -35.3422

Trichromacy



Original Color

36.5740, 59.8630, -20.6744

Protanomaly

39.6980, 41.5609, -30.4301

Deuteranomaly

39.7320, 36.6141, -30.4600

Tritanomaly

38.8540, 28.1730, -29.6900

Monochromacy



Original Color

36.5740, 59.8630, -20.6744

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.9770, 21.7033, -7.8728

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.5740, 59.8630, -20.6744 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(13, 25, 158)` looks like.

```
.text, #text, p{  
    color:rgb(13, 25, 158)  
}
```

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(13, 25, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 25, 158) }
```

Border

The CSS property to change the border of an element to YUV 36.5740, 59.8630, -20.6744 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(13, 25, 158) }
```


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

```
.border{ border-color:rgb(13, 25, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 25, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 25, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 25, 158);  
box-shadow:4px 4px 4px 4px rgb(13, 25,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 36.5740, 59.8630, -20.6744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 25, 158) }
```

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

```
.background{ background-color: rgb(13, 25,  
158) }
```

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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