

Converting Colors

YUV(60.1940, 35.8934,
-32.6191)

Have a look what the booklet for
YUV(60.1940, 35.8934, -32.6191)
contains.

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Color

**YUV(60.1940, 35.8934,
-32.6191)**

Conversions

Conversions Part 1

Format	Color
Hex	174185
RGB	23, 65, 133
RGB Percent	9%, 25%, 52%
CMY	0.9098, 0.7451, 0.4784
CMYK	0.83, 0.51, 0.00, 0.48
HSL	217°, 71%, 31%
HSV	217°, 83%, 52%
XYZ	6.4773, 5.6562, 22.9407
YIQ	60.1940, -46.8600, 12.2440

Conversions

Conversions Part 2

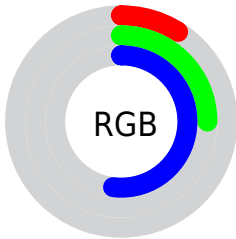
Format	Color
R_{YB}	23, 53, 133
Decimal	1524101
CIE _{Lab}	28.53, 12.30, -42.24
CIE _{LCh}	29, 43.991, 286.236
Yxy	5.6562, 0.1847, 0.1613
Android (android.graphics.Color)	4279714181 (0xFF174185)
YUV	60.1940, 35.8934, -32.6191
Hunter-Lab	23.7828, 6.9949, -40.5427

Details

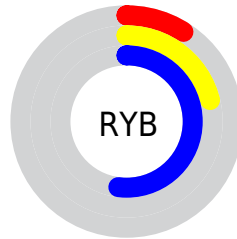
The YUV color **60.1940, 35.8934, -32.6191** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **95.8060, -35.8934, 32.6191**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.7760, 36.5924, -23.4826**, and **23.5500, 29.3088, -20.6533** is the 20% darker color. If you saturate the color by 10%, you get **51.6110, 40.1248, -36.4928**, and if you desaturate by 10%, it is **68.7770, 31.6619, -28.7454**.

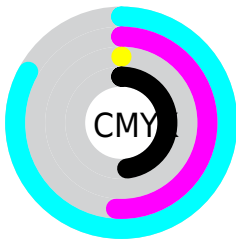
Distribution



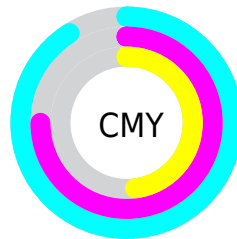
- Red (9%)
- Green (25%)
- Blue (52%)



- Red (9%)
- Yellow (21%)
- Blue (52%)



- Cyan (83%)
- Magenta (51%)
- Yellow (0%)
- Black (48%)



- Cyan (91%)
- Magenta (75%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.1940, 35.8934, -32.6191 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 60.1940, 35.8934, -32.6191 by changing the saturation by 10% instead.

■ 60.1940, 35.8934,
-32.6191

■ 60.1940, 35.8934,
-32.6191

■ 255.0000, 0.0000,
0.0000

■ 37.4390, 34.2936,
-32.8340

■ 112.7760, 36.5924,
-23.4826

■ 23.5500, 29.3088,
-20.6533

■ 139.6020, 37.1712,
-22.4530

■ 7.3130, 25.4817,
-6.4135

■ 166.4280, 37.7500,
-21.4234

■ 5.2780, 15.1459,
-4.6288

■ 192.0170, 31.0506,
-19.3089

■ 1.4820, 5.6784,
-1.2997

■ 216.5370, 18.9623,
-15.3799

■ 0.0000, 0.0000,
0.0000

■ 242.2310, 6.2951,

-12.4806

■ 60.1940, 35.8934,
-32.6191

■ 60.1940, 35.8934,
-32.6191

■ 51.6110, 40.1248,
-36.4928

■ 68.7770, 31.6619,
-28.7454

■ 45.0990, 43.3352,
-39.5518

■ 77.6590, 27.2831,
-24.2569

■ 86.8290, 22.7623,
-20.8980

■ 95.4120, 18.5309,
-17.0243

■ 104.2940, 14.1521,
-12.5358

■ 112.8770, 9.9206,
-8.6621

■ 122.0470, 5.3998,
-5.3032

■ 130.6300, 1.1684,
-1.4295

■ 139.5120, -3.2104,
3.0590

Harmonies

Analogous

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



59.8880, 36.5372, -52.5218



60.1940, 35.8934, -32.6191



69.0820, 22.6376, 19.2221

Triad

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



60.1940, 35.8934, -32.6191



62.8630, -22.1175, 47.4781



53.2470, -1.6008, -46.6976

Complementary

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



60.1940, 35.8934, -32.6191



95.8060, -35.8934, 32.6191

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.



53.6610, -19.5529, -28.6437



60.1940, 35.8934, -32.6191



63.6250, -31.3671, 27.5159

Square

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



60.1940, 35.8934, -32.6191



61.2830, -5.5625, 57.6338



61.1120, -30.1282, 3.4098



57.8240, 13.3978, -50.7116

Rectangle

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



60.1940, 35.8934, -32.6191



66.3360, 14.1314, 40.9243



61.1120, -30.1282, 3.4098



51.8790, -6.8423, -45.4979

Sweetspot

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



60.1940, 35.8934, -32.6191



144.8810, 13.8627, -13.0506



95.3220, -2.1307, -63.4264



69.8340, 8.4628, -7.7474



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



60.1940, 35.8934, -32.6191



59.6490, 55.8820, -50.5582



39.4270, 46.1315, -3.0055



61.8580, 2.0420, -1.6295



44.1700, 42.3142, -38.7371



0.9290, 1.0210, -0.8147

Inverse Universe

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



60.6780, 2.1307, 63.4264



60.5390, 3.1853, 98.6283



116.5730, -46.1315, 3.0055



62.0220, -0.0108, 3.4887



44.5700, 2.6770, 74.9221



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 60.1940, 35.8934, -32.6191 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 60.1940, 35.8934, -32.6191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

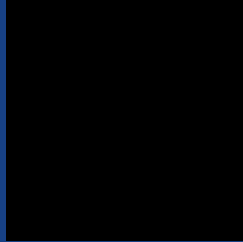
Any Text WCAG AA × Fail

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 60.1940, 35.8934, -32.6191 Background



This preview shows how black text looks on a background with the YUV color 60.1940, 35.8934, -32.6191.



This preview shows how white text looks on a background with the YUV color 60.1940, 35.8934,

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

60.1940, 35.8934, -32.6191

Protanopia

60.4930, 35.7460, -32.0044

Deuteranopia

54.1830, 32.4478, -47.5185



Tritanopia

53.1450, 13.2395, -46.6082

Trichromacy



Original Color

60.1940, 35.8934, -32.6191

Protanomaly

60.4930, 35.7460, -32.0044

Deuteranomaly

56.5580, 33.7419, -42.5854

Tritanomaly

55.3550, 21.5170, -41.5303

Monochromacy



Original Color

60.1940, 35.8934, -32.6191

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.3650, 13.1311, -11.7211

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.1940, 35.8934, -32.6191 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(23, 65, 133)` looks like.

```
.text, #text, p{  
    color:rgb(23, 65, 133)  
}
```

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(23, 65, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 65, 133) }
```

Border

The CSS property to change the border of an element to YUV 60.1940, 35.8934, -32.6191 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(23, 65, 133) }
```


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

```
.border{ border-color:rgb(23, 65, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 65, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 65, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 65, 133);  
box-shadow:4px 4px 4px 4px rgb(23, 65,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 60.1940, 35.8934, -32.6191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 65, 133) }
```

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

```
.background{ background-color: rgb(23, 65,  
133) }
```

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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