

Converting Colors

YUV(137.1940, 32.4424,
-45.7741)

Have a look what the booklet for
YUV(137.1940, 32.4424, -45.7741)
contains.

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Color

**YUV(137.1940, 32.4424,
-45.7741)**

Conversions

Conversions Part 1

Format	Color
Hex	5597CB
RGB	85, 151, 203
RGB Percent	33%, 59%, 80%
CMY	0.6667, 0.4078, 0.2039
CMYK	0.58, 0.26, 0.00, 0.20
HSL	206°, 53%, 56%
HSV	206°, 58%, 80%
XYZ	25.5924, 28.3763, 60.6282
YIQ	137.1940, -56.0280, 2.1800

Conversions

Conversions Part 2

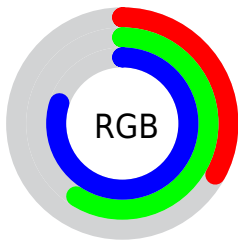
Format	Color
R _Y B	85, 127, 203
Decimal	5609419
CIE Lab	60.23, -5.70, -33.11
CIE LCh	60, 33.599, 260.240
Yxy	28.3763, 0.2233, 0.2476
Android (android.graphics.Color)	4283799499 (0xFF5597CB)
YUV	137.1940, 32.4424, -45.7741
Hunter-Lab	53.2694, -7.4641, -30.1919

Details

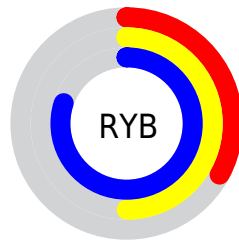
The YUV color **137.1940, 32.4424, -45.7741** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **150.8060, -32.4424, 45.7741**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1620, 30.9791, -43.1151**, and **77.7790, 35.1120, -62.0732** is the 20% darker color. If you saturate the color by 10%, you get **125.9310, 37.9950, -53.4365**, and if you desaturate by 10%, it is **148.4570, 26.8897, -38.1118**.

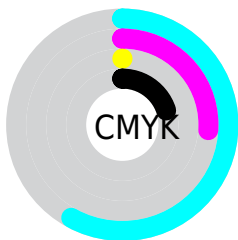
Distribution



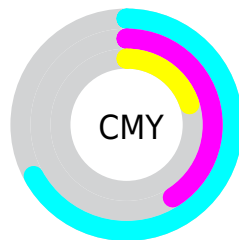
- Red (33%)
- Green (59%)
- Blue (80%)



- Red (33%)
- Yellow (50%)
- Blue (80%)



- Cyan (58%)
- Magenta (26%)
- Yellow (0%)
- Black (20%)



- Cyan (67%)
- Magenta (41%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.1940, 32.4424, -45.7741 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 137.1940, 32.4424, -45.7741 by changing the saturation by 10% instead.

■ 137.1940, 32.4424,
-45.7741

■ 137.1940, 32.4424,
-45.7741

■ 255.0000, 0.0000,
0.0000

■ 109.4710, 32.3058,
-48.6481

■ 192.1620, 30.9791,
-43.1151

■ 77.7790, 35.1120,
-62.0732

■ 217.2690, 18.6014,
-39.7009

■ 59.2210, 31.4430,
-51.9368

■ 238.8540, 7.9600,
-33.1980

■ 42.7560, 26.7423,
-37.4970

■ 247.5250, 3.6852,
-15.3694

■ 27.6930, 22.3364,
-24.2868

■ 9.3360, 20.5404,
-8.1877

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 137.1940, 32.4424,
-45.7741

■ 137.1940, 32.4424,
-45.7741

■ 125.9310, 37.9950,
-53.4365

■ 148.4570, 26.8897,
-38.1118

■ 114.3690, 43.6951,
-61.7136

■ 160.0190, 21.1896,
-29.8347

■ 103.1060, 49.2477,
-69.3760

■ 171.2820, 15.6370,
-22.1723

■ 91.8430, 54.8004,
-77.0383

■ 182.5450, 10.0843,
-14.5100

■ 90.0600, 55.6794,
-78.9826

■ 194.1070, 4.3842,
-6.2328

■ 205.3700, -1.1684,
1.4295

■ 216.6330, -6.7211,
9.0919

■ 227.8960,
-12.2737, 16.7542

■ 235.5710,
-16.0575, 17.0392

Harmonies

Analogous

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



123.6750, 32.6982, -81.2760



137.1940, 32.4424, -45.7741



145.7470, 27.2397, -10.3021

Triad

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



137.1940, 32.4424, -45.7741



147.2620, -10.4822, 48.8822



137.1330, -15.3486, -23.7956

Complementary

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



137.1940, 32.4424, -45.7741



150.8060, -32.4424, 45.7741

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.



141.2520, -25.7602, 2.4100



137.1940, 32.4424, -45.7741



145.8300, -22.1012, 42.2451

Square

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



137.1940, 32.4424, -45.7741



148.5890, 3.6536, 41.5794



143.8250, -28.0147, 25.5865



130.7240, 1.6151, -51.5009

Rectangle

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



137.1940, 32.4424, -45.7741



148.7560, 20.3333, 11.6150



143.8250, -28.0147, 25.5865



138.7490, -19.5963, -14.6889

Sweetspot

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



137.1940, 32.4424, -45.7741



230.9900, 11.8369, -16.6542



160.0800, -11.8714, -65.8452



113.1820, 7.3053, -9.8066



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



137.1940, 32.4424, -45.7741



155.4050, 49.1003, -68.7612



103.1480, 49.2270, -15.9158



96.6620, 2.6316, -4.0886



73.5150, 45.5951, -64.4727



16.6590, 10.5211, -14.6099

Inverse Universe

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



127.8060, 11.4346, 65.9451



141.5080, 17.0046, 99.5325



184.8520, -49.2270, 15.9158



95.6740, 1.1467, 5.5479



60.2360, 16.1527, 92.7550



13.7560, 3.5713, 21.2620

Previews

White Background



This preview shows how the YUV color 137.1940, 32.4424, -45.7741 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 137.1940, 32.4424, -45.7741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

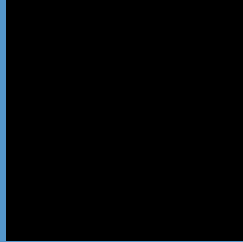
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.1940, 32.4424, -45.7741 Background



This preview shows how black text looks on a background with the YUV color 137.1940, 32.4424, -45.7741.



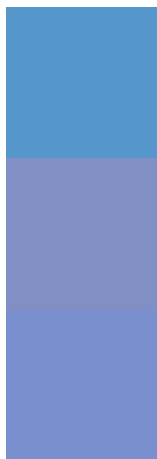
This preview shows how white text looks on a background with the YUV color 137.1940, 32.4424, -45.7741.

-45.7741.

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

137.1940, 32.4424, -45.7741

Protanopia

144.8560, 25.2140, -13.9057

Deuteranopia

143.7890, 30.1770, -19.1090



Tritanopia

132.7680, 18.3554, -54.1705

Trichromacy



Original Color

137.1940, 32.4424, -45.7741

Protanomaly

142.1750, 28.0147, -25.5865

Deuteranomaly

141.5490, 30.7883, -28.5455

Tritanomaly

134.4570, 23.4387, -51.2668

Monochromacy



Original Color

137.1940, 32.4424, -45.7741

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9900, 11.8369, -16.6542

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1940, 32.4424, -45.7741 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(85, 151, 203)` looks like.

```
.text, #text, p{  
    color:rgb(85, 151, 203)  
}
```

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(85, 151, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 151, 203) }
```

Border

The CSS property to change the border of an element to YUV 137.1940, 32.4424, -45.7741 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(85, 151, 203) }
```


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

```
.border{ border-color:rgb(85, 151, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 151, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(85, 151, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(85, 151, 203); box-shadow:4px 4px 4px 4px rgb(85, 151, 203) }
```

Background

The CSS property to change the background color of an element to YUV 137.1940, 32.4424, -45.7741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 151, 203) }
```

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

```
.background{ background-color: rgb(85, 151,  
203) }
```

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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