

Converting Colors

YUV(84.5780, 23.3790,
-32.0789)

Have a look what the booklet for
YUV(84.5780, 23.3790, -32.0789)
contains.

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Color

**YUV(84.5780, 23.3790,
-32.0789)**

Conversions

Conversions Part 1

Format	Color
Hex	305E84
RGB	48, 94, 132
RGB Percent	19%, 37%, 52%
CMY	0.8118, 0.6314, 0.4824
CMYK	0.64, 0.29, 0.00, 0.48
HSL	207°, 47%, 35%
HSV	207°, 64%, 52%
XYZ	9.3865, 10.2997, 23.3231
YIQ	84.5780, -39.6140, 2.0660

Conversions

Conversions Part 2

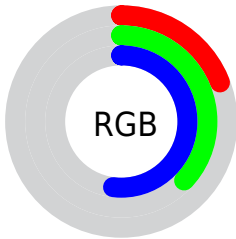
Format	Color
R _Y B	48, 78, 132
Decimal	3169924
CIE Lab	38.38, -3.26, -25.92
CIE LCh	38, 26.121, 262.826
Yxy	10.2997, 0.2182, 0.2395
Android (android.graphics.Color)	4281360004 (0xFF305E84)
YUV	84.5780, 23.3790, -32.0789
Hunter-Lab	32.0932, -3.9561, -20.6227

Details

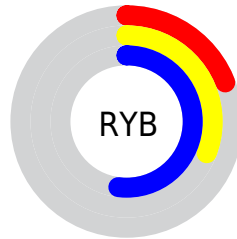
The YUV color **84.5780, 23.3790, -32.0789** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **95.4220, -23.3790, 32.0789**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.1160, 24.0998, -29.9197**, and **37.5240, 21.9267, -32.9085** is the 20% darker color. If you saturate the color by 10%, you get **77.1690, 27.0317, -36.9822**, and if you desaturate by 10%, it is **91.9870, 19.7264, -27.1756**.

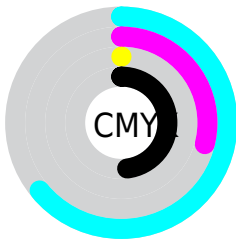
Distribution



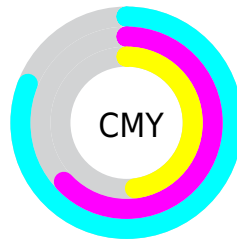
- Red (19%)
- Green (37%)
- Blue (52%)



- Red (19%)
- Yellow (31%)
- Blue (52%)



- Cyan (64%)
- Magenta (29%)
- Yellow (0%)
- Black (48%)



- Cyan (81%)
- Magenta (63%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.5780, 23.3790, -32.0789 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 84.5780, 23.3790, -32.0789 by changing the saturation by 10% instead.

■ 84.5780, 23.3790,
-32.0789

■ 84.5780, 23.3790,
-32.0789

■ 255.0000, 0.0000,
0.0000

■ 57.7730, 24.2689,
-37.5119

■ 136.1160, 24.0998,
-29.9197

■ 37.5240, 21.9267,
-32.9085

■ 163.2300, 24.5366,
-30.0197

■ 23.1620, 17.6681,
-20.3131

■ 190.6430, 24.8260,
-29.5049

■ 5.3920, 15.5827,
-4.7288

■ 217.0470, 18.7108,
-28.1052

■ 2.1830, 5.8258,
-1.9145

■ 241.8550, 6.4805,
-25.3058

■ 0.0000, 0.0000,
0.0000

■ 251.1130, 1.9163,

-7.9921

■ 84.5780, 23.3790,
-32.0789

■ 84.5780, 23.3790,
-32.0789

■ 77.1690, 27.0317,
-36.9822

■ 91.9870, 19.7264,
-27.1756

■ 69.7600, 30.6843,
-41.8855

■ 99.3960, 16.0738,
-22.2723

■ 62.0520, 34.4844,
-47.4036

■ 107.1040, 12.2737,
-16.7542

■ 57.3120, 36.8212,
-50.2626

■ 114.5130, 8.6211,
-11.8509

■ 121.9220, 4.9685,
-6.9476

■ 129.3310, 1.3158,
-2.0443

■ 136.7400, -2.3368,
2.8590

■ 144.4480, -6.1369,
8.3771

■ 151.8570, -9.7895,
13.2804

Harmonies

Analogous

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



72.1350, 25.0764, -63.2624



84.5780, 23.3790, -32.0789



91.1900, 18.6403, -5.4286

Triad

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



84.5780, 23.3790, -32.0789



91.1570, -7.9654, 34.9423



84.2460, -9.9813, -18.6327

Complementary

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



84.5780, 23.3790, -32.0789



95.4220, -23.3790, 32.0789

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.



87.1900, -18.3347, 0.7104



84.5780, 23.3790, -32.0789



90.5340, -16.5323, 29.3497

Square

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



84.5780, 23.3790, -32.0789



92.6540, 1.6496, 30.9984



88.8330, -20.1307, 16.8095



78.4310, 2.7455, -40.7200

Rectangle

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



84.5780, 23.3790, -32.0789



92.4370, 14.0816, 10.1408



88.8330, -20.1307, 16.8095



85.0790, -13.3499, -11.4703

Sweetspot

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



84.5780, 23.3790, -32.0789



152.3280, 9.2053, -12.5657



101.6400, -7.7105, -47.0423



75.7370, 5.5527, -7.6623



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.



84.5780, 23.3790, -32.0789



97.4970, 36.2370, -49.5479



59.9240, 35.5335, -10.4573



62.4450, 1.7526, -2.1443



56.4970, 36.2370, -49.5479



0.9290, 1.0210, -0.8147

Inverse Universe

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



78.3600, 7.7105, 47.0423



87.9640, 11.8497, 72.8226



120.0760, -35.5335, 10.4573



62.1360, 0.4260, 3.3887



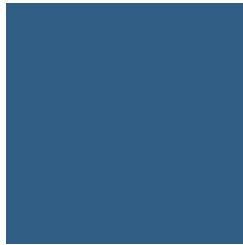
46.9640, 11.8497, 72.8226



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 84.5780, 23.3790, -32.0789 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 × Fail

Black Background



This preview shows how the YUV color 84.5780, 23.3790, -32.0789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

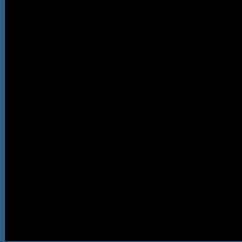
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.5780, 23.3790, -32.0789

Background



This preview shows how black text looks on a background with the YUV color 84.5780, 23.3790, -32.0789.



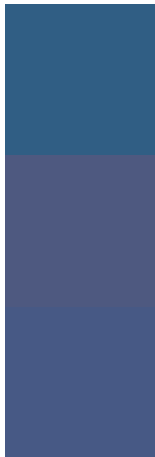
This preview shows how white text looks on a background with the YUV color 84.5780, 23.3790,

-32.0789.

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

84.5780, 23.3790, -32.0789

Protanopia

90.1570, 18.6566, -10.6617

Deuteranopia

88.6340, 21.8724, -15.4650



Tritanopia

80.7760, 12.9284, -40.1456

Trichromacy



Original Color

84.5780, 23.3790, -32.0789

Protanomaly

88.1560, 20.1361, -18.5538

Deuteranomaly

87.4160, 22.4729, -21.4128

Tritanomaly

82.1230, 16.7014, -36.9419

Monochromacy



Original Color

84.5780, 23.3790, -32.0789

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8120, 8.4737, -11.2361

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.5780, 23.3790, -32.0789 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(48, 94, 132)` looks like.

```
.text, #text, p{  
    color:rgb(48, 94, 132)  
}
```

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(48, 94, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 94, 132) }
```

Border

The CSS property to change the border of an element to YUV 84.5780, 23.3790, -32.0789 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(48, 94, 132) }
```


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

```
.border{ border-color:rgb(48, 94, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 94, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 94, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 94, 132);  
box-shadow:4px 4px 4px 4px rgb(48, 94,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 84.5780, 23.3790, -32.0789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 94, 132) }
```

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

```
.background{ background-color: rgb(48, 94,  
132) }
```

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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