

Converting Colors

YUV(36.5460, 79.1038,
-32.0508)

Have a look what the booklet for
YUV(36.5460, 79.1038, -32.0508)
contains.

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Color

**YUV(36.5460, 79.1038,
-32.0508)**

Conversions

Conversions Part 1

Format	Color
Hex	0018C5
RGB	0, 24, 197
RGB Percent	0%, 9%, 77%
CMY	1.0000, 0.9059, 0.2275
CMYK	1.00, 0.88, 0.00, 0.23
HSL	233°, 100%, 39%
HSV	233°, 100%, 77%
XYZ	10.4047, 4.6845, 53.1791
YIQ	36.5460, -69.8370, 48.7150

Conversions

Conversions Part 2

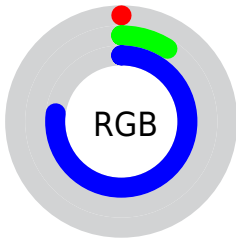
Format	Color
RYB	0, 21, 197
Decimal	6341
CIELab	25.82, 58.94, -85.41
CIELCh	26, 103.771, 304.611
Yxy	4.6845, 0.1524, 0.0686
Android (android.graphics.Color)	4278196421 (0xFF0018C5)
YUV	36.5460, 79.1038, -32.0508
Hunter-Lab	21.6437, 47.9332, -130.5267

Details

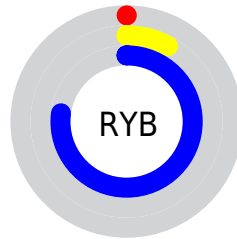
The YUV color **36.5460, 79.1038, -32.0508** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **160.4540, -79.1038, 32.0508**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.8920, 74.4962, -0.7823**, and **16.0740, 61.5885, -14.0969** is the 20% darker color. If you saturate the color by 10%, you get **36.5460, 79.1038, -32.0508**, and if you desaturate by 10%, it is **52.5050, 71.2360, -28.5069**.

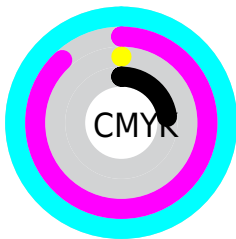
Distribution



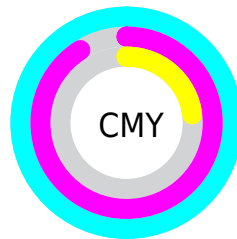
- Red (0%)
- Green (9%)
- Blue (77%)



- Red (0%)
- Yellow (8%)
- Blue (77%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (91%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.5460, 79.1038, -32.0508 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 36.5460, 79.1038, -32.0508 by changing the saturation by 10% instead.

■ 36.5460, 79.1038,
-32.0508

■ 36.5460, 79.1038,
-32.0508

■ 255.0000, 0.0000,
0.0000

■ 19.2660, 73.8189,
-16.8963

■ 103.8920, 74.4962,
-0.7823

■ 16.0740, 61.5885,
-14.0969

■ 128.4340, 62.3970,
6.6354

■ 13.1100, 50.2318,
-11.4975

■ 153.2640, 50.1558,
12.9235

■ 17.7770, 35.1129,
-15.5904

■ 178.3820, 37.7727,
18.0820

■ 11.5190, 26.3661,
-10.1022

■ 204.0870, 25.1001,
22.7257


■ 6.5490, 17.4773,
-5.7435

■ 227.9980, 13.3120,


■ 2.8670, 8.4466,


23.6808


-2.5144


 244.4340, 5.2090,
9.2664


 0.0000, 0.0000,
0.0000


 36.5460, 79.1038,
-32.0508

 52.5050, 71.2360,
-28.5069

 68.7520, 63.2263,
-26.0925

 84.7110, 55.3585,
-22.5485

 100.6700, 47.4907,
-19.0046

 117.2160, 39.3335,
-15.9754

■ 132.8760, 31.6131,
-13.0463

■ 148.8350, 23.7453,
-9.5023

■ 164.7940, 15.8776,
-5.9583

■ 181.0410, 7.8678,
-3.5440

Harmonies

Analogous

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



69.3160, 77.7382, -60.7901



36.5460, 79.1038, -32.0508



61.2790, 34.3725, 82.1933

Triad

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



36.5460, 79.1038, -32.0508



45.8920, -22.6248, 70.2547



57.5160, 7.1406, -50.4415

Complementary

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



36.5460, 79.1038, -32.0508



160.4540, -79.1038, 32.0508

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.



48.1340, -23.7301, -42.2135



36.5460, 79.1038, -32.0508



56.4160, -27.8131, 7.5282

Square

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



36.5460, 79.1038, -32.0508



50.2320, -24.7644, 103.2825



45.1990, -22.2831, -39.6395



68.3970, 41.2163, -59.9842

Rectangle

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



36.5460, 79.1038, -32.0508



62.5270, 8.1212, 102.1468



45.1990, -22.2831, -39.6395



53.7370, -4.8003, -47.1273

Sweetspot

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



36.5460, 79.1038, -32.0508



192.9470, 30.5921, -12.2315



135.1330, 17.6824, -118.5116



90.1790, 18.6458, -7.1730



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.



36.5460, 79.1038, -32.0508



47.2670, 102.4124, -41.4532



43.9860, 75.4359, 24.5683



91.6130, 3.6418, -1.4146



30.3220, 65.4103, -26.5924



6.4520, 14.5672, -5.6584

Inverse Universe

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



61.6390, -18.5560, 118.7116



79.7790, -24.0480, 153.6688



153.0140, -75.4359, -24.5683



92.8050, -0.8899, 5.4330



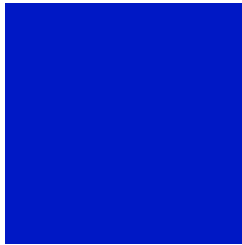
51.0170, -15.2914, 98.2091



11.2200, -3.5595, 21.7321

Previews

White Background



This preview shows how the YUV color 36.5460, 79.1038, -32.0508 looks on a white background.

Color Contrast Check

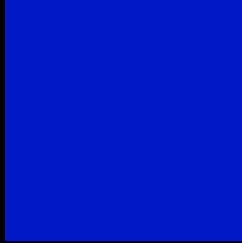
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.5460, 79.1038, -32.0508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

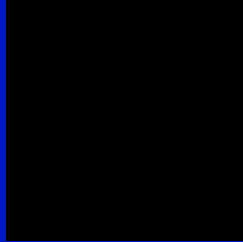
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.5460, 79.1038, -32.0508

Background



This preview shows how black text looks on a background with the YUV color 36.5460, 79.1038, -32.0508.



This preview shows how white text looks on a background with the YUV color 36.5460, 79.1038,

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

36.5460, 79.1038, -32.0508

Protanopia

49.5840, 37.6731, -43.4852

Deuteranopia

49.7660, 28.2164, -43.6448



Tritanopia

48.7110, 11.4815, -42.7195

Trichromacy



Original Color

36.5460, 79.1038, -32.0508

Protanomaly

44.9170, 52.7919, -39.3922

Deuteranomaly

44.7230, 46.9716, -39.2221

Tritanomaly

44.4490, 35.7676, -38.9818

Monochromacy



Original Color

36.5460, 79.1038, -32.0508

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.7900, 28.6975, -11.2168

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.5460, 79.1038, -32.0508 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(0, 24, 197)` looks like.

```
.text, #text, p{  
    color:rgb(0, 24, 197)  
}
```

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(0, 24, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 24, 197) }
```

Border

The CSS property to change the border of an element to YUV 36.5460, 79.1038, -32.0508 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(0, 24, 197) }
```


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

```
.border{ border-color:rgb(0, 24, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 24, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 24, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 24, 197);  
box-shadow:4px 4px 4px 4px rgb(0, 24, 197)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.5460, 79.1038, -32.0508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 24, 197) }
```

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

```
.background{ background-color: rgb(0, 24,  
197) }
```

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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