

Converting Colors

YUV(65.3280, 32.8693, 4.0973)

Have a look what the booklet for
YUV(65.3280, 32.8693, 4.0973)
contains.

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Color

**YUV(65.3280, 32.8693,
4.0973)**

Conversions

Conversions Part 1

Format	Color
Hex	463284
RGB	70, 50, 132
RGB Percent	27%, 20%, 52%
CMY	0.7255, 0.8039, 0.4824
CMYK	0.47, 0.62, 0.00, 0.48
HSL	255°, 45%, 36%
HSV	255°, 62%, 52%
XYZ	7.8312, 5.2492, 22.4302
YIQ	65.3280, -14.4020, 29.7420

Conversions

Conversions Part 2

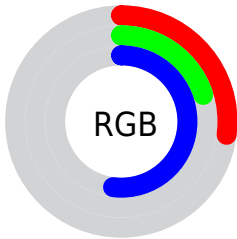
Format	Color
R_{YB}	70, 50, 132
Decimal	4600452
CIE _{Lab}	27.43, 30.36, -43.23
CIE _{LCh}	27, 52.828, 305.076
Yxy	5.2492, 0.2205, 0.1478
Android (android.graphics.Color)	4282790532 (0xFF463284)
YUV	65.3280, 32.8693, 4.0973
Hunter-Lab	22.9112, 20.9182, -42.0075

Details

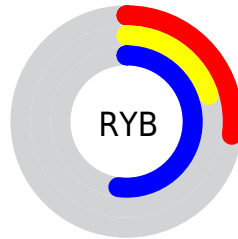
The YUV color **65.3280, 32.8693, 4.0973** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **116.6720, -32.8693, -4.0973**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.9200, 35.0424, 7.0862**, and **16.7460, 32.1702, -5.0392** is the 20% darker color. If you saturate the color by 10%, you get **54.7070, 38.1054, 4.6420**, and if you desaturate by 10%, it is **75.9490, 27.6331, 3.5527**.

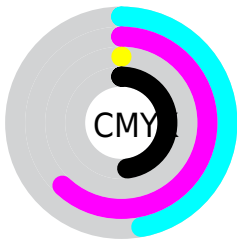
Distribution



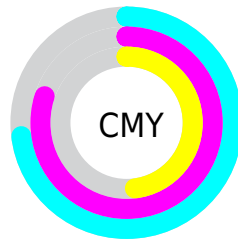
- Red (27%)
- Green (20%)
- Blue (52%)



- Red (27%)
- Yellow (20%)
- Blue (52%)



- Cyan (47%)
- Magenta (62%)
- Yellow (0%)
- Black (48%)



- Cyan (73%)
- Magenta (80%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.3280, 32.8693, 4.0973 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 65.3280, 32.8693, 4.0973 by changing the saturation by 10% instead.

65.3280, 32.8693,
4.0973

65.3280, 32.8693,
4.0973

255.0000, 0.0000,
0.0000

41.3770, 31.8591,
1.4234

114.9200, 35.0424,
7.0862

16.7460, 32.1702,
-5.0392

140.8600, 36.0580,
8.0158

6.6120, 25.3343,
-5.7987

167.6860, 36.6368,
9.0454

5.1640, 14.7091,
-4.5288

193.3890, 30.3742,
11.0598

1.2540, 4.8048,
-1.0998

218.4960, 17.9965,
14.4740

0.0000, 0.0000,
0.0000

240.9120, 6.9454,

12.3552

■ 65.3280, 32.8693,
4.0973

■ 65.3280, 32.8693,
4.0973

■ 54.7070, 38.1054,
4.6420

■ 75.9490, 27.6331,
3.5527

■ 44.0860, 43.3416,
5.1866

■ 86.5700, 22.3970,
3.0081

■ 32.8780, 48.8671,
6.2460

■ 97.7780, 16.8714,
1.9487

■ 24.6160, 52.9403,
6.4758

■ 108.3990, 11.6353,
1.4041

■ 119.0200, 6.3991,
0.8595

■ 129.6410, 1.1630,
0.3148

■ 140.2620, -4.0732,
-0.2298

■ 151.4700, -9.5987,
-1.2892

■ 162.0910,
-14.8349, -1.8338

Harmonies

Analogous

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



56.6740, 44.5307, -49.7031



65.3280, 32.8693, 4.0973



59.2970, 20.0666, 50.6055

Triad

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



65.3280, 32.8693, 4.0973



60.7560, -29.9527, 40.5560



56.2280, 7.2826, -49.3120

Complementary

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



65.3280, 32.8693, 4.0973



116.6720, -32.8693, -4.0973

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.



50.1520, -10.9209, -43.9833



65.3280, 32.8693, 4.0973



60.2810, -29.7185, 12.0316

Square

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



65.3280, 32.8693, 4.0973



54.0530, -16.7881, 64.8515



52.9950, -26.1265, -20.1666



60.2010, 25.0439, -52.7963

Rectangle

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



65.3280, 32.8693, 4.0973



47.4910, 12.5759, 73.2374



52.9950, -26.1265, -20.1666



54.0450, 1.4568, -47.3975

Sweetspot

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



65.3280, 32.8693, 4.0973



144.1540, 13.2351, 1.6189



96.3290, 17.5858, -40.6305



70.7750, 7.9989, 1.0743



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.



65.3280, 32.8693, 4.0973



66.8610, 51.3405, 6.2609



77.2880, 26.9730, 28.6884



60.9830, 2.4734, 0.0149



24.3880, 52.0667, 6.6757



0.6410, 1.1630, 0.3148

Inverse Universe

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



81.5860, 14.9941, 44.2131



92.3300, 23.5013, 68.9936



104.7120, -26.9730, -28.6884



62.3640, 1.2995, 3.1888



50.0420, 23.6433, 70.1232



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 65.3280, 32.8693, 4.0973 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 65.3280, 32.8693, 4.0973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

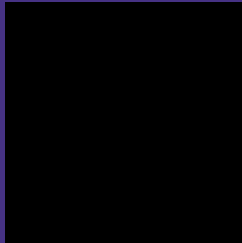
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.3280, 32.8693, 4.0973

Background



This preview shows how black text looks on a background with the YUV color 65.3280, 32.8693, 4.0973.



This preview shows how white text looks on a background with the YUV color 65.3280, 32.8693,

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

65.3280, 32.8693, 4.0973

Protanopia

52.1430, 39.8625, -45.7294

Deuteranopia

52.5530, 31.2794, -46.0890



Tritanopia

63.7970, 4.5371, -8.5920

Trichromacy



Original Color

65.3280, 32.8693, 4.0973

Protanomaly

56.6830, 37.6243, -27.7860

Deuteranomaly

57.1900, 31.9513, -28.2306

Tritanomaly

64.4630, 14.5617, -3.9141

Monochromacy



Original Color

65.3280, 32.8693, 4.0973

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.3990, 11.6353, 1.4041

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.3280, 32.8693, 4.0973 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(70, 50, 132)` looks like.

```
.text, #text, p{  
    color:rgb(70, 50, 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(70, 50, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 50, 132) }
```

Border

The CSS property to change the border of an element to YUV 65.3280, 32.8693, 4.0973 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(70, 50, 132) }
```


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

```
.border{ border-color:rgb(70, 50, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 50, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 50, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 50, 132);  
box-shadow:4px 4px 4px 4px rgb(70, 50,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 65.3280, 32.8693, 4.0973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 50, 132) }
```

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

```
.background{ background-color: rgb(70, 50,  
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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