

Converting Colors

YUV(32.3230, 23.5048,
-25.7163)

Have a look what the booklet for
YUV(32.3230, 23.5048, -25.7163)
contains.

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Color

**YUV(32.3230, 23.5048,
-25.7163)**

Conversions

Conversions Part 1	
Format	Color
Hex	032650
RGB	3, 38, 80
RGB Percent	1%, 15%, 31%
CMY	0.9882, 0.8510, 0.6863
CMYK	0.96, 0.52, 0.00, 0.69
HSL	213°, 93%, 16%
HSV	213°, 96%, 31%
XYZ	2.1786, 1.9848, 7.8577
YIQ	32.3230, -34.3420, 5.6420

Conversions

Conversions Part 2

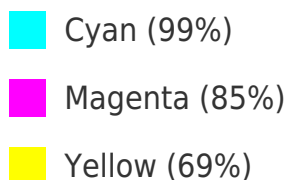
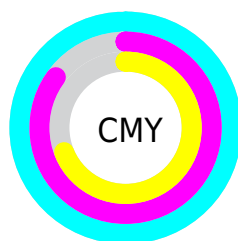
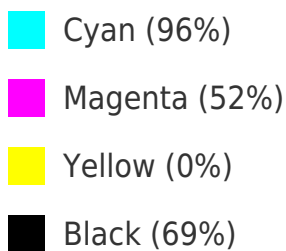
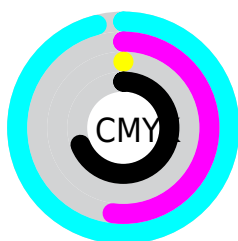
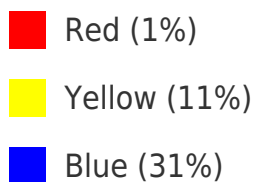
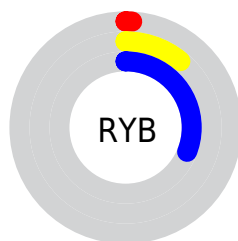
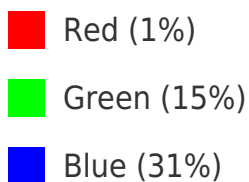
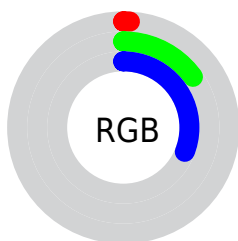
Format	Color
RYB	3, 27, 80
Decimal	206416
CIELab	15.41, 6.66, -29.12
CIELCh	15, 29.868, 282.876
Yxy	1.9848, 0.1812, 0.1651
Android (android.graphics.Color)	4278396496 (0xFF032650)
YUV	32.3230, 23.5048, -25.7163
Hunter-Lab	14.0882, 2.9493, -23.2073

Details

The YUV color **32.3230, 23.5048, -25.7163** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **50.6770, -23.5048, 25.7163**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.4920, 23.9144, -17.0945**, and **5.1640, 14.7091, -4.5288** is the 20% darker color. If you saturate the color by 10%, you get **30.2520, 24.5258, -26.5310**, and if you desaturate by 10%, it is **37.0630, 21.1679, -22.8573**.

Distribution



Brightness & Saturation Gradients

These gradients show how the YUV color 32.3230, 23.5048, -25.7163 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 32.3230, 23.5048, -25.7163 by changing the saturation by 10% instead.

■ 32.3230, 23.5048,
-25.7163

■ 32.3230, 23.5048,
-25.7163

■ 254.4020, 0.2948,
-1.2296

■ 16.4770, 19.9778,
-14.4503

■ 81.4920, 23.9144,
-17.0945

■ 5.1640, 14.7091,
-4.5288

■ 106.3180, 24.4932,
-16.0649

■ 1.1400, 4.3680,
-0.9998

■ 131.8450, 25.2194,
-15.6501


■ 0.0000, 0.0000,
0.0000


■ 158.3720, 25.9456,
-15.2352


■ 185.4860, 26.3824,
-15.3352


■ 212.1180, 21.1408,


-14.1355


 236.9260, 8.9105,
-11.3361


 32.3230, 23.5048,
-25.7163


 32.3230, 23.5048,
-25.7163


 30.2520, 24.5258,
-26.5310

 37.0630, 21.1679,
-22.8573

 42.3900, 18.5417,
-20.5130

 47.1300, 16.2049,
-17.6540

 51.8700, 13.8681,
-14.7950

 57.1970, 11.2419,
-12.4508

■ 61.9370, 8.9051,
-9.5917

■ 67.2640, 6.2788,
-7.2475

■ 72.0040, 3.9420,
-4.3885

■ 76.7440, 1.6052,
-1.5295

Harmonies

Analogous

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



34.8340, 21.7738, -30.5494



32.3230, 23.5048, -25.7163



39.6650, 14.9552, 9.9408

Triad

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



32.3230, 23.5048, -25.7163



35.5280, -14.0643, 31.1089



30.4390, -2.6814, -26.6950

Complementary

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



32.3230, 23.5048, -25.7163



50.6770, -23.5048, 25.7163

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.



31.1990, -15.3811, -13.3295



32.3230, 23.5048, -25.7163



37.0120, -18.2469, 19.2835

Square

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



32.3230, 23.5048, -25.7163



35.5360, -2.7292, 35.4869



35.7390, -17.6193, 4.6139



33.5340, 6.6387, -29.4093

Rectangle

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



32.3230, 23.5048, -25.7163



38.3740, 9.6756, 23.3510



35.7390, -17.6193, 4.6139



29.6410, -5.7390, -25.9952

Sweetspot

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



32.3230, 23.5048, -25.7163



85.7520, 9.4893, -10.3065



52.8730, -4.3744, -43.7386



41.8620, 5.9840, -6.0180



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



32.3230, 23.5048, -25.7163



40.1460, 31.9730, -35.2080



12.6750, 33.1912, -5.8540



38.6300, 1.1684, -1.4295



88.0830, 70.9511, -77.2488

Inverse Universe

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



30.0130, 3.9376, 43.8386



36.8670, 5.4886, 59.7526



70.3250, -33.1912, 5.8540



38.4240, 0.2840, 2.2592



81.3380, 11.6654, 132.1306

Previews

White Background



This preview shows how the YUV color 32.3230, 23.5048, -25.7163 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 32.3230, 23.5048, -25.7163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

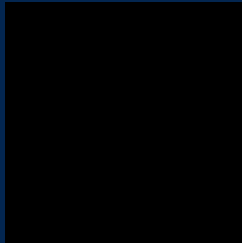
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.3230, 23.5048, -25.7163

Background



This preview shows how black text looks on a background with the YUV color 32.3230, 23.5048, -25.7163.



This preview shows how white text looks on a background with the YUV color 32.3230, 23.5048,

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

32.3230, 23.5048, -25.7163

Protanopia

33.8180, 22.7677, -22.6424

Tritanopia

31.0720, 7.3595, -27.2501

Trichromacy



Original Color
32.3230, 23.5048, -25.7163

Protanomaly
33.2200, 23.0625, -23.8719

Tritanomaly
31.5650, 13.0325, -26.8055

Monochromacy



Original Color
32.3230, 23.5048, -25.7163

Achromatopsia
32.0000, 0.0000, 0.0000

Achromatomaly
31.8230, 8.4683, -9.4918

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.3230, 23.5048, -25.7163 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(3, 38, 80)` looks like.

```
.text, #text, p{  
    color:rgb(3, 38, 80)  
}
```

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(3, 38, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 38, 80) }
```

Border

The CSS property to change the border of an element to YUV 32.3230, 23.5048, -25.7163 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(3, 38, 80) }
```

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

```
.border{ border-color:rgb(3, 38, 80) }
```

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

Here you see how a box with a 4 pixel rgb(3, 38, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 38, 80); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 38, 80); box-shadow:4px  
4px 4px 4px rgb(3, 38, 80) }
```

Background

The CSS property to change the background color of an element to YUV 32.3230, 23.5048, -25.7163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 38, 80) }
```

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

```
.background{ background-color: rgb(3, 38,  
80) }
```

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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