

Converting Colors

YUV(66.0710, 32.5030,
-18.4793)

Have a look what the booklet for
YUV(66.0710, 32.5030, -18.4793)
contains.

YUV(66.0710, 32.5030, -18.4793)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(66.0710, 32.5030,
-18.4793)**

Conversions

Conversions Part 1

Format	Color
Hex	2D4084
RGB	45, 64, 132
RGB Percent	18%, 25%, 52%
CMY	0.8235, 0.7490, 0.4824
CMYK	0.66, 0.52, 0.00, 0.48
HSL	227°, 49%, 35%
HSV	227°, 66%, 52%
XYZ	7.0804, 5.8906, 22.5936
YIQ	66.0710, -33.1520, 17.1200

Conversions

Conversions Part 2

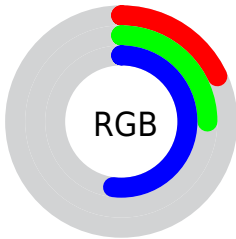
Format	Color
R _Y B	45, 61, 132
Decimal	2965636
CIE Lab	29.13, 15.84, -40.59
CIE LCh	29, 43.567, 291.315
Yxy	5.8906, 0.1991, 0.1656
Android (android.graphics.Color)	4281155716 (0xFF2D4084)
YUV	66.0710, 32.5030, -18.4793
Hunter-Lab	24.2706, 9.6001, -38.2039

Details

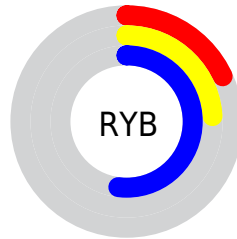
The YUV color **66.0710, 32.5030, -18.4793** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **110.9290, -32.5030, 18.4793**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.2610, 34.3813, -14.2609**, and **22.8490, 29.1614, -20.0386** is the 20% darker color. If you saturate the color by 10%, you get **56.3140, 37.3132, -21.3234**, and if you desaturate by 10%, it is **75.8280, 27.6928, -15.6352**.

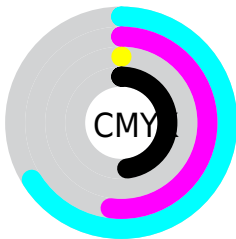
Distribution



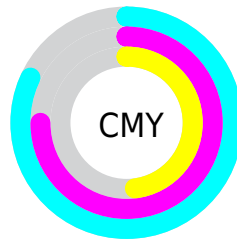
- Red (18%)
- Green (25%)
- Blue (52%)



- Red (18%)
- Yellow (24%)
- Blue (52%)



- Cyan (66%)
- Magenta (52%)
- Yellow (0%)
- Black (48%)



- Cyan (82%)
- Magenta (75%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.0710, 32.5030, -18.4793 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 66.0710, 32.5030, -18.4793 by changing the saturation by 10% instead.

■ 66.0710, 32.5030,
-18.4793

■ 66.0710, 32.5030,
-18.4793

■ 255.0000, 0.0000,
0.0000

■ 39.1300, 32.9669,
-27.3010

■ 116.2610, 34.3813,
-14.2609

■ 22.8490, 29.1614,
-20.0386

■ 142.7880, 35.1075,
-13.8461

■ 6.6120, 25.3343,
-5.7987

■ 169.6140, 35.6863,
-12.8165

■ 5.2780, 15.1459,
-4.6288

■ 195.3170, 29.4237,
-10.8020

■ 1.2540, 4.8048,
-1.0998

■ 220.4240, 17.0460,
-7.3878

■ 0.0000, 0.0000,
0.0000

■ 245.5310, 4.6682,

-3.9737

■ 66.0710, 32.5030,
-18.4793

■ 66.0710, 32.5030,
-18.4793

■ 56.3140, 37.3132,
-21.3234

■ 75.8280, 27.6928,
-15.6352

■ 45.9700, 42.4128,
-23.6527

■ 86.1720, 22.5932,
-13.3058

■ 35.9140, 47.3704,
-27.1116

■ 96.2280, 17.6356,
-9.8470

■ 32.0710, 49.2650,
-28.1263

■ 105.9850, 12.8254,
-7.0028

■ 116.3290, 7.7258,
-4.6735

■ 126.0860, 2.9156,
-1.8294

■ 135.8430, -1.8946,
1.0147

■ 146.4860, -7.1416,
3.9588

■ 156.2430,
-11.9518, 6.8029

Harmonies

Analogous

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



60.1160, 37.4108, -52.7217



66.0710, 32.5030, -18.4793



70.4310, 20.0005, 25.0550

Triad

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



66.0710, 32.5030, -18.4793



64.8580, -24.5800, 43.9745



55.2190, 0.8780, -48.4271

Complementary

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



66.0710, 32.5030, -18.4793



110.9290, -32.5030, 18.4793

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.



52.2730, -14.4316, -37.9504



66.0710, 32.5030, -18.4793



65.0760, -32.0825, 23.6123

Square

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



66.0710, 32.5030, -18.4793



63.1750, -8.4673, 55.9745



61.6770, -30.4068, -0.5937



59.7960, 15.8766, -52.4411

Rectangle

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



66.0710, 32.5030, -18.4793



67.3750, 11.6471, 44.3981



61.6770, -30.4068, -0.5937



53.9650, -3.9267, -47.3273

Sweetspot

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



66.0710, 32.5030, -18.4793



144.9850, 12.8254, -7.0028



103.7070, 4.0884, -51.4860



70.7420, 8.0152, -4.1587



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.



66.0710, 32.5030, -18.4793



68.4130, 50.5754, -28.4262



61.7950, 34.6111, 5.4418



61.2710, 2.3314, -1.1147



31.2560, 48.6808, -27.4115



0.9290, 1.0210, -0.8147

Inverse Universe

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



73.1790, -4.5252, 51.5860



79.6710, -7.2328, 80.0955



115.2050, -34.6111, -5.4418



61.9080, -0.4476, 3.5887



42.0620, -6.9326, 77.1216



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 66.0710, 32.5030, -18.4793 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 66.0710, 32.5030, -18.4793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

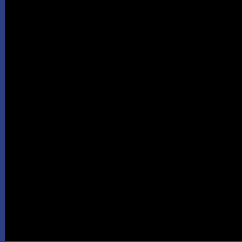
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.0710, 32.5030, -18.4793

Background



This preview shows how black text looks on a background with the YUV color 66.0710, 32.5030, -18.4793.



This preview shows how white text looks on a background with the YUV color 66.0710, 32.5030,

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

66.0710, 32.5030, -18.4793

Protanopia

61.7920, 35.5985, -31.3896

Deuteranopia

55.1120, 33.4688, -48.3332



Tritanopia

53.9600, 13.8237, -47.3229

Trichromacy



Original Color

66.0710, 32.5030, -18.4793

Protanomaly

63.1840, 34.4193, -26.4714

Deuteranomaly

59.0640, 32.9994, -37.7671

Tritanomaly

58.4480, 20.4851, -37.2269

Monochromacy



Original Color

66.0710, 32.5030, -18.4793

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.7570, 11.9518, -6.8029

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.0710, 32.5030, -18.4793 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(45, 64, 132)` looks like.

```
.text, #text, p{  
    color:rgb(45, 64, 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(45, 64, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 64, 132) }
```

Border

The CSS property to change the border of an element to YUV 66.0710, 32.5030, -18.4793 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(45, 64, 132) }
```


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

```
.border{ border-color:rgb(45, 64, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 64, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 64, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 64, 132);  
box-shadow:4px 4px 4px 4px rgb(45, 64,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 66.0710, 32.5030, -18.4793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 64, 132) }
```

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

```
.background{ background-color: rgb(45, 64,  
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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor