

Converting Colors

YUV(30.8180, 22.7677,
-22.6424)

Have a look what the booklet for
YUV(30.8180, 22.7677, -22.6424)
contains.

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Color

**YUV(30.8180, 22.7677,
-22.6424)**

Conversions

Conversions Part 1

Format	Color
Hex	05234D
RGB	5, 35, 77
RGB Percent	2%, 14%, 30%
CMY	0.9804, 0.8627, 0.6980
CMYK	0.94, 0.55, 0.00, 0.70
HSL	215°, 88%, 16%
HSV	215°, 94%, 30%
XYZ	2.0032, 1.7702, 7.2573
YIQ	30.8180, -31.3620, 6.7020

Conversions

Conversions Part 2

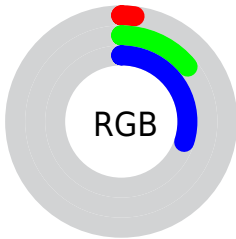
Format	Color
R_{YB}	5, 26, 77
Decimal	336717
CIE Lab	14.23, 7.80, -28.97
CIE LCh	14, 29.999, 285.076
Yxy	1.7702, 0.1816, 0.1605
Android (android.graphics.Color)	4278526797 (0xFF05234D)
YUV	30.8180, 22.7677, -22.6424
Hunter-Lab	13.3047, 3.5920, -23.0274

Details

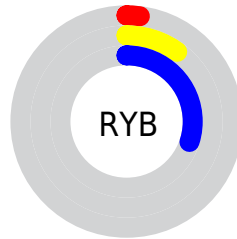
The YUV color **30.8180, 22.7677, -22.6424** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **51.1820, -22.7677, 22.6424**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.2750, 23.0354, -15.1502**, and **4.8220, 13.3988, -4.2289** is the 20% darker color. If you saturate the color by 10%, you get **27.5620, 24.3729, -24.1719**, and if you desaturate by 10%, it is **35.5580, 20.4309, -19.7834**.

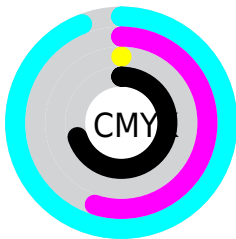
Distribution



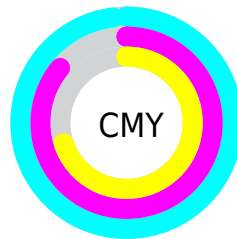
- Red (2%)
- Green (14%)
- Blue (30%)



- Red (2%)
- Yellow (10%)
- Blue (30%)



- Cyan (94%)
- Magenta (55%)
- Yellow (0%)
- Black (70%)



- Cyan (98%)
- Magenta (86%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.8180, 22.7677, -22.6424 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 30.8180, 22.7677, -22.6424 by changing the saturation by 10% instead.

■ 30.8180, 22.7677,
-22.6424

■ 30.8180, 22.7677,
-22.6424

■ 254.4020, 0.2948,
-1.2296

■ 13.7870, 19.8250,
-12.0912

■ 79.2750, 23.0354,
-15.1502

■ 4.8220, 13.3988,
-4.2289

■ 104.2150, 24.0510,
-14.2206

■ 0.4560, 1.7472,
-0.3999

■ 129.6280, 24.3404,
-13.7058

■ 0.0000, 0.0000,
0.0000

■ 155.8560, 25.2140,
-13.9057

■ 182.3830, 25.9402,
-13.4909

■ 209.4710, 22.4458,

-12.6911

■ 234.5780, 10.0680,
-9.2769

■ 30.8180, 22.7677,
-22.6424

■ 30.8180, 22.7677,
-22.6424

■ 27.5620, 24.3729,
-24.1719

■ 35.5580, 20.4309,
-19.7834

■ 40.5860, 17.9521,
-18.0539

■ 45.3260, 15.6153,
-15.1949

■ 50.6530, 12.9891,
-12.8507

■ 55.0940, 10.7997,
-10.6064

■ 60.4210, 8.1734,
-8.2622

■ 65.1610, 5.8366,
-5.4032

■ 70.4880, 3.2104,
-3.0590

■ 74.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



32.8450, 21.7684, -28.8051



30.8180, 22.7677, -22.6424



37.1490, 14.2235, 11.2703

Triad

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



30.8180, 22.7677, -22.6424



32.7730, -15.6641, 30.8941



29.1510, -2.5394, -25.5654

Complementary

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



30.8180, 22.7677, -22.6424



51.1820, -22.7677, 22.6424

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.



28.8290, -14.2127, -14.7590



30.8180, 22.7677, -22.6424



34.6420, -17.0785, 17.8540

Square

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



30.8180, 22.7677, -22.6424



32.4220, -3.1660, 35.5869



33.3690, -16.4509, 3.1844



31.6590, 7.0701, -27.7649

Rectangle

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



30.8180, 22.7677, -22.6424



35.8580, 8.9440, 24.6805



33.3690, -16.4509, 3.1844



27.7660, -5.3076, -24.3508

Sweetspot

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



30.8180, 22.7677, -22.6424



81.5350, 8.6102, -8.3622



52.0520, -2.4906, -41.2646



40.0470, 5.3998, -5.3032



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



30.8180, 22.7677, -22.6424



35.3530, 31.3780, -31.0046



14.7030, 30.7124, -4.1245



35.6300, 1.1684, -1.4295



36.8690, 32.1096, -32.3341



82.5720, 72.6820, -72.4156

Inverse Universe

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



29.9480, 2.4906, 41.2646



34.2750, 3.3154, 56.7638



66.9980, -30.5650, 3.5098



35.4240, 0.2840, 2.2592



35.2860, 3.3100, 58.5082



79.7140, 8.0290, 131.8008

Previews

White Background



This preview shows how the YUV color 30.8180, 22.7677, -22.6424 looks on a white background.

Color Contrast Check

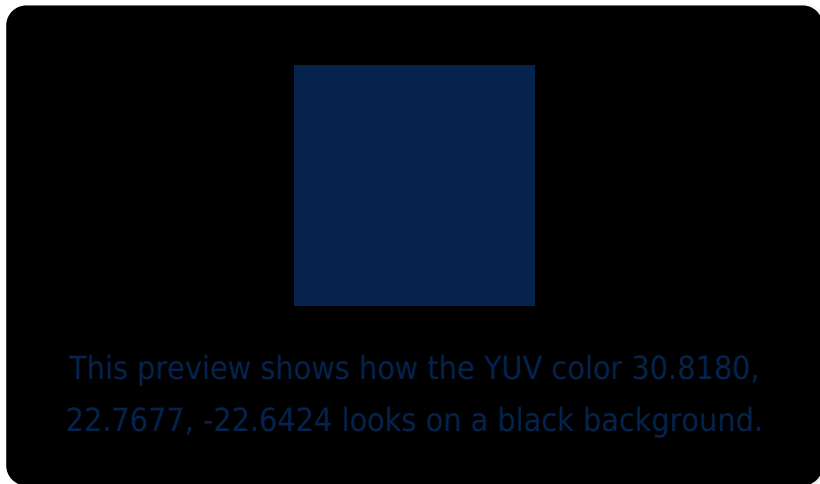
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

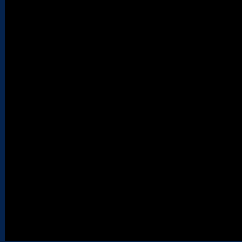
Any Text WCAG AA × Fail

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 30.8180, 22.7677, -22.6424 Background



This preview shows how black text looks on a background with the YUV color 30.8180, 22.7677, -22.6424.



This preview shows how white text looks on a background with the YUV color 30.8180, 22.7677, -22.6424.

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

30.8180, 22.7677, -22.6424

Protanopia

29.0950, 22.6312, -25.5163

Deuteranopia

29.7160, 17.3950, -26.0609

Trichromacy



Original Color

30.8180, 22.7677, -22.6424

Protanomaly

29.8070, 22.7731, -24.3867

Deuteranomaly

30.1830, 19.1368, -24.7165

Monochromacy



Original Color

30.8180, 22.7677, -22.6424

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.8340, 8.4628, -7.7474

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.8180, 22.7677, -22.6424 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(5, 35, 77)` looks like.

```
.text, #text, p{  
    color:rgb(5, 35, 77)  
}
```

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(5, 35, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 35, 77) }
```

Border

The CSS property to change the border of an element to YUV 30.8180, 22.7677, -22.6424 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(5, 35, 77) }
```

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

```
.border{ border-color:rgb(5, 35, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 35, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 35, 77); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 35, 77); box-shadow:4px  
4px 4px 4px rgb(5, 35, 77) }
```


Background

The CSS property to change the background color of an element to YUV 30.8180, 22.7677, -22.6424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 35, 77) }
```

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

```
.background{ background-color: rgb(5, 35,  
77) }
```

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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