

Converting Colors

YUV(31.6360, 22.3645, 13.4742)

Have a look what the booklet for
YUV(31.6360, 22.3645, 13.4742)
contains.

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Color

**YUV(31.6360, 22.3645,
13.4742)**

Conversions

Conversions Part 1

Format	Color
Hex	2F0F4D
RGB	47, 15, 77
RGB Percent	18%, 6%, 30%
CMY	0.8157, 0.9412, 0.6980
CMYK	0.39, 0.81, 0.00, 0.70
HSL	271°, 67%, 18%
HSV	271°, 81%, 30%
XYZ	2.6827, 1.4818, 7.1658
YIQ	31.6360, -0.8300, 26.0660

Conversions

Conversions Part 2

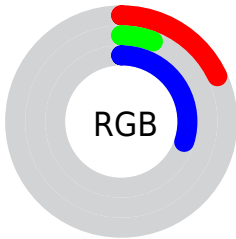
Format	Color
RYB	47, 15, 77
Decimal	3084109
CIELab	12.49, 29.42, -31.62
CIElCh	12, 43.196, 312.937
Yxy	1.4818, 0.2368, 0.1308
Android (android.graphics.Color)	4281274189 (0xFF2F0F4D)
YUV	31.6360, 22.3645, 13.4742
Hunter-Lab	12.1730, 18.0351, -26.3809

Details

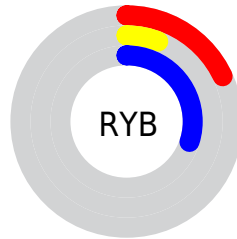
The YUV color **31.6360, 22.3645, 13.4742** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **60.3640, -22.3645, -13.4742**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.4020, 23.9588, 15.4334**, and **4.8220, 13.3988, -4.2289** is the 20% darker color. If you saturate the color by 10%, you get **25.7440, 25.2692, 15.1335**, and if you desaturate by 10%, it is **37.5280, 19.4597, 11.8149**.

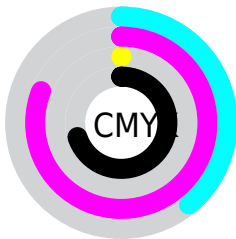
Distribution



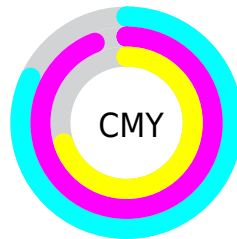
- Red (18%)
- Green (6%)
- Blue (30%)



- Red (18%)
- Yellow (6%)
- Blue (30%)



- Cyan (39%)
- Magenta (81%)
- Yellow (0%)
- Black (70%)



- Cyan (82%)
- Magenta (94%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.6360, 22.3645, 13.4742 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 31.6360, 22.3645, 13.4742 by changing the saturation by 10% instead.

■ 31.6360, 22.3645,
13.4742

■ 31.6360, 22.3645,
13.4742

■ 249.1300, 2.8939,
5.1480

■ 13.9300, 19.7545,
10.5854

■ 78.4020, 23.9588,
15.4334

■ 4.8220, 13.3988,
-4.2289

■ 103.2280, 24.5376,
16.4630

■ 0.4560, 1.7472,
-0.3999

■ 129.0540, 25.1164,
17.4926

■ 0.0000, 0.0000,
0.0000

■ 155.4670, 25.4058,
18.0074

■ 182.4070, 26.4213,
18.9371

■ 208.7940, 22.7796,

20.3517

232.1070, 11.2862,
20.0772

31.6360, 22.3645,
13.4742

31.6360, 22.3645,
13.4742

25.7440, 25.2692,
15.1335

37.5280, 19.4597,
11.8149

20.7380, 27.7372,
16.8928

42.5340, 16.9917,
10.0557

48.4260, 14.0870,
8.3964

54.3180, 11.1822,
6.7371

60.2100, 8.2775,
5.0778

■ 65.2160, 5.8095,
3.3186

■ 71.1080, 2.9048,
1.6593

■ 77.0000, 0.0000,
0.0000

■ 82.3050, -2.6154,
-1.1445

Harmonies

Analogous

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



29.8590, 30.6355, -26.1863



31.6360, 22.3645, 13.4742



28.2390, 11.2212, 41.0094

Triad

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



31.6360, 22.3645, 13.4742



31.1200, -15.3422, 20.9428



31.5450, 6.6333, -27.6650

Complementary

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



31.6360, 22.3645, 13.4742



60.3640, -22.3645, -13.4742

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.



27.1960, -7.4916, -23.8509



31.6360, 22.3645, 13.4742



29.5150, -14.5509, 0.4253

Square

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



31.6360, 22.3645, 13.4742



23.3000, -11.4869, 44.4639



24.0670, -11.8650, -21.1068



34.1500, 19.1531, -29.9495

Rectangle

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



31.6360, 22.3645, 13.4742



27.7530, 1.6008, 46.6976



24.0670, -11.8650, -21.1068



30.4050, 2.2653, -26.6652

Sweetspot

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



31.6360, 22.3645, 13.4742



82.2100, 8.2775, 5.0778



40.2650, 18.1104, -22.1574



40.1020, 5.3727, 3.4185



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.



31.6360, 22.3645, 13.4742



28.8940, 34.5623, 21.1410



40.6060, 17.9422, 31.9175



35.0540, 1.4524, 0.8296



27.4750, 36.7408, 22.3854



61.5020, 83.0695, 49.5487

Inverse Universe

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



36.9580, 3.9647, 35.1168



37.0620, 6.3784, 54.3196



51.3940, -17.9422, -31.9175



35.4240, 0.2840, 2.2592



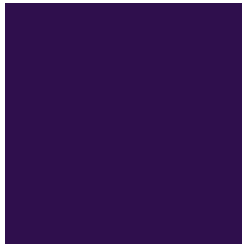
36.0840, 6.3676, 57.8083



81.4240, 14.5810, 130.3012

Previews

White Background



This preview shows how the YUV color 31.6360, 22.3645, 13.4742 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

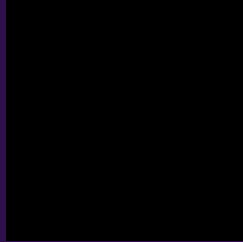
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.6360, 22.3645, 13.4742

Background



This preview shows how black text looks on a background with the YUV color 31.6360, 22.3645, 13.4742.



This preview shows how white text looks on a background with the YUV color 31.6360, 22.3645,

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

31.6360, 22.3645, 13.4742

Protanopia

27.2370, 20.5892, -23.8868

Deuteranopia

27.3850, 16.0792, -24.0166



Tritanopia

34.1360, 0.4260, 3.3887

Trichromacy



Original Color

31.6360, 22.3645, 13.4742

Protanomaly

28.5530, 21.4194, -10.1320

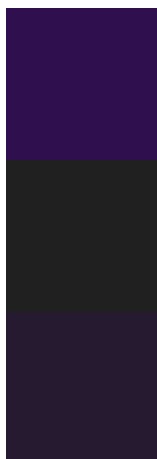
Deuteranomaly

29.0430, 18.2198, -10.5617

Tritanomaly

33.2210, 8.2720, 6.8222

Monochromacy



Original Color

31.6360, 22.3645, 13.4742

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.7970, 7.9881, 4.5630

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.6360, 22.3645, 13.4742 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(47, 15, 77)` looks like.

```
.text, #text, p{  
    color:rgb(47, 15, 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(47, 15, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 15, 77) }
```

Border

The CSS property to change the border of an element to YUV 31.6360, 22.3645, 13.4742 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(47, 15, 77) }
```


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

```
.border{ border-color:rgb(47, 15, 77) }
```

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

Here you see how a box with a 4 pixel rgb(47, 15, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 15, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 15, 77);  
box-shadow:4px 4px 4px 4px rgb(47, 15, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.6360, 22.3645, 13.4742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 15, 77) }
```

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

```
.background{ background-color: rgb(47, 15,  
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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