

Converting Colors

YUV(44.2820, 15.6370,
-22.1723)

Have a look what the booklet for
YUV(44.2820, 15.6370, -22.1723)
contains.

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Color

**YUV(44.2820, 15.6370,
-22.1723)**

Conversions

Conversions Part 1

Format	Color
Hex	13334C
RGB	19, 51, 76
RGB Percent	7%, 20%, 30%
CMY	0.9255, 0.8000, 0.7020
CMYK	0.75, 0.33, 0.00, 0.70
HSL	206°, 60%, 19%
HSV	206°, 75%, 30%
XYZ	2.7569, 3.0279, 7.2766
YIQ	44.2820, -27.0970, 0.9910

Conversions

Conversions Part 2

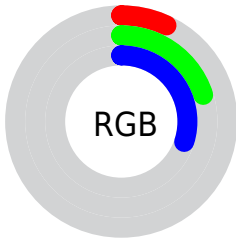
Format	Color
R _Y B	19, 39, 76
Decimal	1258316
CIE Lab	20.16, -2.22, -18.83
CIE LCh	20, 18.955, 263.286
Yxy	3.0279, 0.2111, 0.2318
Android (android.graphics.Color)	4279448396 (0xFF13334C)
YUV	44.2820, 15.6370, -22.1723
Hunter-Lab	17.4009, -2.1710, -12.6130

Details

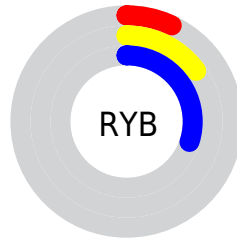
The YUV color **44.2820, 15.6370, -22.1723** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **50.7180, -15.6370, 22.1723**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.1190, 16.2103, -19.3984**, and **5.4090, 13.1094, -4.7437** is the 20% darker color. If you saturate the color by 10%, you get **40.1290, 17.6844, -25.5461**, and if you desaturate by 10%, it is **48.4350, 13.5895, -18.7985**.

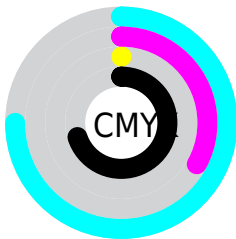
Distribution



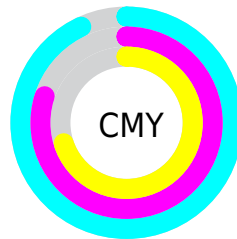
- Red (7%)
- Green (20%)
- Blue (30%)



- Red (7%)
- Yellow (15%)
- Blue (30%)



- Cyan (75%)
- Magenta (33%)
- Yellow (0%)
- Black (70%)



- Cyan (93%)
- Magenta (80%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.2820, 15.6370, -22.1723 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 44.2820, 15.6370, -22.1723 by changing the saturation by 10% instead.

■ 44.2820, 15.6370,
-22.1723

■ 44.2820, 15.6370,
-22.1723

■ 255.0000, 0.0000,
0.0000

■ 23.6520, 14.4686,
-20.7428

■ 92.1190, 16.2103,
-19.3984

■ 5.4090, 13.1094,
-4.7437

■ 117.2330, 16.6471,
-19.4983

■ 0.5700, 2.1840,
-0.4999

■ 143.0480, 17.2313,
-20.2131

■ 0.0000, 0.0000,
0.0000

■ 169.4610, 17.5207,
-19.6983

■ 197.1620, 17.6681,
-20.3131

■ 224.4780, 15.0473,

-19.7132

■ 247.5250, 3.6852,
-15.3694

■ 44.2820, 15.6370,
-22.1723

■ 44.2820, 15.6370,
-22.1723

■ 40.1290, 17.6844,
-25.5461

■ 48.4350, 13.5895,
-18.7985

■ 35.6880, 19.8738,
-27.7904

■ 52.8760, 11.4001,
-16.5543

■ 33.9050, 20.7528,
-29.7347

■ 57.0290, 9.3527,
-13.1804

■ 60.8830, 7.4527,
-10.4214

■ 65.6230, 5.1159,
-7.5624

■ 69.7760, 3.0684,
-4.1886

■ 73.6300, 1.1684,
-1.4295

■ 78.3700, -1.1684,
1.4295

■ 82.2240, -3.0684,
4.1886

Harmonies

Analogous

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



39.7920, 15.3855, -34.8976



44.2820, 15.6370, -22.1723



48.8930, 12.3778, -3.4142

Triad

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



44.2820, 15.6370, -22.1723



49.0630, -5.4541, 22.7467



44.3160, -6.0718, -12.5551

Complementary

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



44.2820, 15.6370, -22.1723



50.7180, -15.6370, 22.1723

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.



46.1990, -11.9301, -0.1745



44.2820, 15.6370, -22.1723



48.6620, -10.6794, 18.7134

Square

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



44.2820, 15.6370, -22.1723



50.0610, 0.9559, 20.1175



47.9230, -13.2730, 10.5915



40.0950, 2.4182, -29.0243

Rectangle

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



44.2820, 15.6370, -22.1723



50.4490, 9.1456, 6.6222



47.9230, -13.2730, 10.5915



45.0670, -8.4140, -7.9518

Sweetspot

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



44.2820, 15.6370, -22.1723



86.5520, 6.1369, -8.3771



55.3090, -5.5753, -31.8430



43.2920, 3.8000, -5.5181



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.



44.2820, 15.6370, -22.1723



49.4960, 24.4055, -34.6380



27.8460, 23.7399, -7.7579



36.2170, 0.8790, -1.9443



45.0870, 28.0581, -39.5413



101.9430, 63.1321, -89.4040

Inverse Universe

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



39.6910, 5.5753, 31.8430



42.3110, 8.7207, 49.7163



67.1540, -23.7399, 7.7579



35.5380, 0.7208, 2.1592



36.9960, 9.8620, 57.0085



83.4760, 22.4433, 128.5015

Previews

White Background



This preview shows how the YUV color 44.2820, 15.6370, -22.1723 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 44.2820, 15.6370, -22.1723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

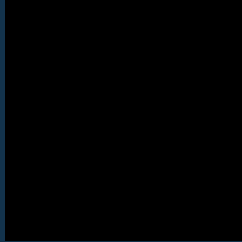
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.2820, 15.6370, -22.1723

Background



This preview shows how black text looks on a background with the YUV color 44.2820, 15.6370, -22.1723.



This preview shows how white text looks on a background with the YUV color 44.2820, 15.6370,

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

44.2820, 15.6370, -22.1723

Protanopia

48.4580, 12.0992, -7.4177

Deuteranopia

47.7070, 14.4414, -12.0210



Tritanopia

38.3100, 9.7072, -33.5979

Trichromacy



Original Color

44.2820, 15.6370, -22.1723

Protanomaly

46.7670, 13.4259, -12.9507

Deuteranomaly

46.7990, 14.8891, -15.6097

Tritanomaly

40.6140, 12.0223, -29.4795

Monochromacy



Original Color

44.2820, 15.6370, -22.1723

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.4380, 5.7001, -8.2771

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.2820, 15.6370, -22.1723 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(19, 51, 76)` looks like.

```
.text, #text, p{  
    color:rgb(19, 51, 76)  
}
```

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(19, 51, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 51, 76) }
```

Border

The CSS property to change the border of an element to YUV 44.2820, 15.6370, -22.1723 is called "border". The border property can be set on classes, ids or directly on the HTML element.

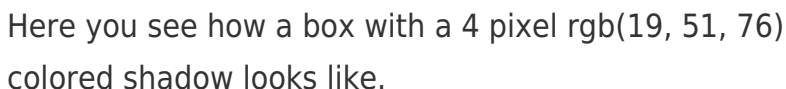
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(19, 51, 76) }
```


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

```
.border{ border-color:rgb(19, 51, 76) }
```

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



Here you see how a box with a 4 pixel `rgb(19, 51, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 51, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 51, 76);  
box-shadow:4px 4px 4px 4px rgb(19, 51, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.2820, 15.6370, -22.1723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 51, 76) }
```

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

```
.background{ background-color: rgb(19, 51,  
76) }
```

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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