

Converting Colors

YUV(22.2580, 25.5088,
-15.1353)

Have a look what the booklet for
YUV(22.2580, 25.5088, -15.1353)
contains.

YUV(22.2580, 25.5088, -15.1353)	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(22.2580, 25.5088,
-15.1353)**

Conversions

Conversions Part 1

Format	Color
Hex	05154A
RGB	5, 21, 74
RGB Percent	2%, 8%, 29%
CMY	0.9804, 0.9176, 0.7098
CMYK	0.93, 0.72, 0.00, 0.71
HSL	226°, 87%, 15%
HSV	226°, 93%, 29%
XYZ	1.5668, 1.0630, 6.6012
YIQ	22.2580, -26.5490, 13.0910

Conversions

Conversions Part 2

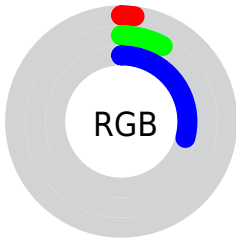
Format	Color
R_{YB}	5, 18, 74
Decimal	333130
CIE _{Lab}	9.51, 17.31, -34.59
CIE _{LCh}	10, 38.684, 296.586
Yxy	1.0630, 0.1697, 0.1152
Android (android.graphics.Color)	4278523210 (0xFF05154A)
YUV	22.2580, 25.5088, -15.1353
Hunter-Lab	10.3102, 9.0827, -30.7435

Details

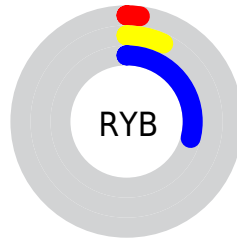
The YUV color **22.2580, 25.5088, -15.1353** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **56.7420, -25.5088, 15.1353**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **69.5410, 26.3553, -6.6135**, and **4.4800, 12.0884, -3.9290** is the 20% darker color. If you saturate the color by 10%, you get **18.4150, 27.4034, -16.1500**, and if you desaturate by 10%, it is **27.8730, 22.7406, -13.9206**.

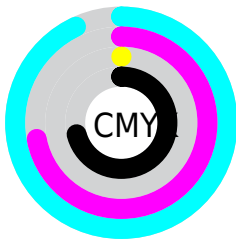
Distribution



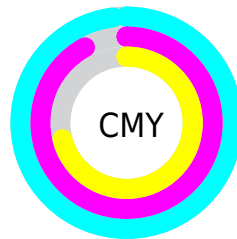
- Red (2%)
- Green (8%)
- Blue (29%)



- Red (2%)
- Yellow (7%)
- Blue (29%)



- Cyan (93%)
- Magenta (72%)
- Yellow (0%)
- Black (71%)



- Cyan (98%)
- Magenta (92%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.2580, 25.5088, -15.1353 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 22.2580, 25.5088, -15.1353 by changing the saturation by 10% instead.

■ 22.2580, 25.5088,
-15.1353

■ 22.2580, 25.5088,
-15.1353

■ 248.5320, 3.1887,
3.9184

■ 5.8140, 22.2767,
-5.0989

■ 69.5410, 26.3553,
-6.6135

■ 4.4800, 12.0884,
-3.9290

■ 93.8940, 27.6603,
-5.1690

■ 0.0000, 0.0000,
0.0000

■ 119.3070, 27.9496,
-4.6542

■ 145.2470, 28.9652,
-3.7246

■ 171.7740, 29.6914,
-3.3098

■ 198.6170, 27.7968,

-2.2951

■ 223.4250, 15.5665,
0.5043

■ 22.2580, 25.5088,
-15.1353

■ 22.2580, 25.5088,
-15.1353

■ 18.4150, 27.4034,
-16.1500

■ 27.8730, 22.7406,
-13.9206

■ 33.2000, 20.1144,
-11.5764

■ 38.8150, 17.3462,
-10.3618

■ 44.7290, 14.4306,
-8.5323

■ 49.7570, 11.9518,
-6.8029

■ 55.3720, 9.1836,
-5.5882

■ 61.2860, 6.2680,
-3.7588

■ 66.3140, 3.7892,
-2.0294

■ 72.2280, 0.8736,
-0.2000

Harmonies

Analogous

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



27.3170, 25.9727, -23.9570



22.2580, 25.5088, -15.1353



22.8180, 16.3587, 26.4696

Triad

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



22.2580, 25.5088, -15.1353



23.2010, -11.4381, 28.7647



24.8140, -1.3873, -21.7619

Complementary

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



22.2580, 25.5088, -15.1353



56.7420, -25.5088, 15.1353

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.



21.1320, -10.4181, -18.5328



22.2580, 25.5088, -15.1353



25.7380, -12.6888, 9.8768

Square

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



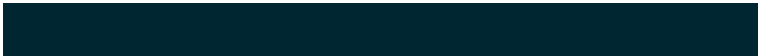
22.2580, 25.5088, -15.1353



20.3320, -10.0237, 41.8048



21.1760, -10.4398, -11.5554



27.8920, 10.4062, -24.4613

Rectangle

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



22.2580, 25.5088, -15.1353



23.8810, 7.4537, 36.0614



21.1760, -10.4398, -11.5554



23.5600, -6.1921, -20.6621

Sweetspot

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



22.2580, 25.5088, -15.1353



76.6000, 10.0572, -5.7882



51.5450, 3.1823, -40.8200



36.1720, 5.8312, -3.6588



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



22.2580, 25.5088, -15.1353



23.9720, 36.0028, -21.0234



18.2480, 27.4857, 4.1675



35.0430, 1.4578, -0.9147



25.7160, 37.6080, -22.5529



57.3310, 85.1258, -50.2793

Inverse Universe

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



27.4550, -3.1823, 40.8200



31.5110, -4.6889, 57.4339



60.7520, -27.4857, -4.1675



35.3100, -0.1528, 2.3591



33.2340, -4.5524, 60.3078



74.8120, -10.7533, 136.0999

Previews

White Background



This preview shows how the YUV color 22.2580, 25.5088, -15.1353 looks on a white background.

Color Contrast Check

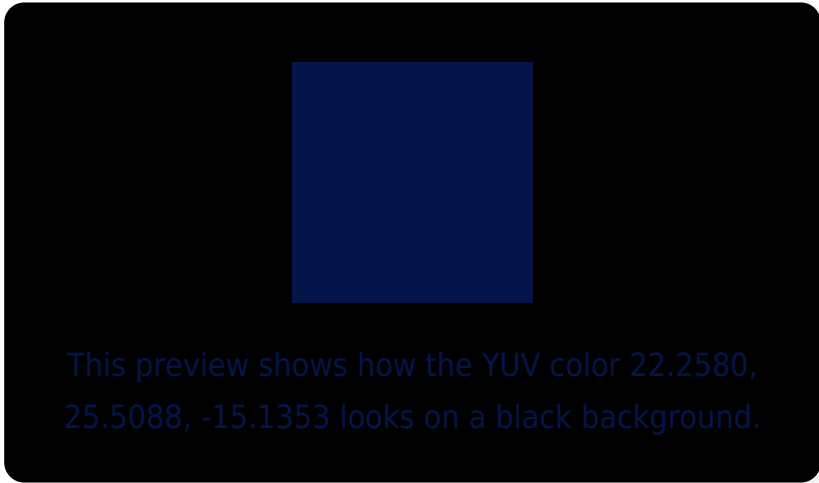
Large Text (above 18pt) WCAG AA ✓ Pass

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

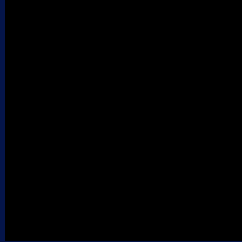
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 22.2580, 25.5088, -15.1353

Background



This preview shows how black text looks on a background with the YUV color 22.2580, 25.5088, -15.1353.



This preview shows how white text looks on a background with the YUV color 22.2580, 25.5088,

-15.1353.

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

22.2580, 25.5088, -15.1353

Protanopia

22.3470, 17.0839, -19.5983

Deuteranopia

22.4950, 12.5740, -19.7281



Tritanopia

21.9590, 5.4432, -19.2580

Trichromacy



Original Color

22.2580, 25.5088, -15.1353

Protanomaly

22.4550, 19.9887, -17.9390

Deuteranomaly

22.3580, 17.0785, -17.8540

Tritanomaly

21.9190, 12.8579, -17.4690

Monochromacy



Original Color

22.2580, 25.5088, -15.1353

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

22.3720, 9.1836, -5.5882

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.2580, 25.5088, -15.1353 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, 21, 74)` looks like.

```
.text, #text, p{  
    color:rgb(5, 21, 74)  
}
```

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, 21, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 21, 74) }
```

Border

The CSS property to change the border of an element to YUV 22.2580, 25.5088, -15.1353 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, 21, 74) }
```


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

```
.border{ border-color:rgb(5, 21, 74) }
```

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

Here you see how a box with a 4 pixel rgb(5, 21, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 21, 74); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 21, 74); box-shadow:4px  
4px 4px 4px rgb(5, 21, 74) }
```

Background

The CSS property to change the background color of an element to YUV 22.2580, 25.5088, -15.1353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 21, 74) }
```

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

```
.background{ background-color: rgb(5, 21,  
74) }
```

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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