

Converting Colors

YUV(25.5740, 13.0280, 21.4216)

Have a look what the booklet for
YUV(25.5740, 13.0280, 21.4216)
contains.

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Color

**YUV(25.5740, 13.0280,
21.4216)**

Conversions

Conversions Part 1

Format	Color
Hex	320834
RGB	50, 8, 52
RGB Percent	20%, 3%, 20%
CMY	0.8039, 0.9686, 0.7961
CMYK	0.04, 0.85, 0.00, 0.80
HSL	297°, 73%, 12%
HSV	297°, 85%, 20%
XYZ	2.0221, 1.0997, 3.3545
YIQ	25.5740, 10.9080, 22.5880

Conversions

Conversions Part 2

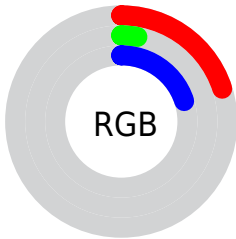
Format	Color
RYB	50, 8, 52
Decimal	3278900
CIELab	9.80, 27.36, -18.22
CIElCh	10, 32.869, 326.331
Yxy	1.0997, 0.3122, 0.1698
Android (android.graphics.Color)	4281468980 (0xFF320834)
YUV	25.5740, 13.0280, 21.4216
Hunter-Lab	10.4867, 16.0669, -11.6251

Details

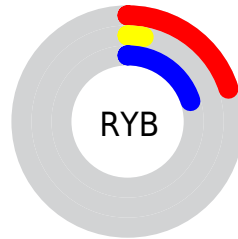
The YUV color **25.5740, 13.0280, 21.4216** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **34.4260, -13.0280, -21.4216**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.2860, 13.1700, 22.5512**, and **0.2280, 0.8736, -0.2000** is the 20% darker color. If you saturate the color by 10%, you get **22.6390, 14.4750, 23.9956**, and if you desaturate by 10%, it is **28.5090, 11.5811, 18.8476**.

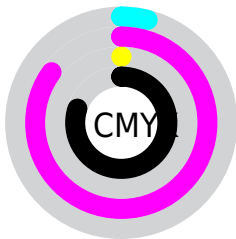
Distribution



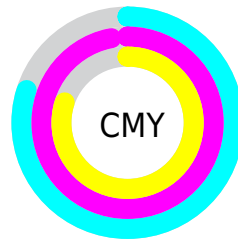
- Red (20%)
- Green (3%)
- Blue (20%)



- Red (20%)
- Yellow (3%)
- Blue (20%)



- Cyan (4%)
- Magenta (85%)
- Yellow (0%)
- Black (80%)



- Cyan (80%)
- Magenta (97%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.5740, 13.0280, 21.4216 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 25.5740, 13.0280, 21.4216 by changing the saturation by 10% instead.

■ 25.5740, 13.0280,
21.4216

■ 25.5740, 13.0280,
21.4216

■ 244.4340, 5.2090,
9.2664

■ 13.1020, 8.8237,
16.5735

■ 72.2860, 13.1700,
22.5512

■ 0.2280, 0.8736,
-0.2000

■ 96.9980, 13.3120,
23.6808

■ 0.0000, 0.0000,
0.0000

■ 121.8240, 13.8908,
24.7104

■ 148.1230, 13.7434,
25.3251

■ 174.9490, 14.3221,
26.3547

■ 202.3620, 14.6115,

26.8695

■ 227.9980, 13.3120,
23.6808

■ 25.5740, 13.0280,
21.4216

■ 25.5740, 13.0280,
21.4216

■ 22.6390, 14.4750,
23.9956

■ 28.5090, 11.5811,
18.8476

■ 20.8780, 15.3431,
25.5400

■ 31.4440, 10.1341,
16.2736

■ 35.2650, 8.2504,
13.7996

■ 38.2000, 6.8034,
11.2256

■ 41.1350, 5.3564,
8.6516

■ 44.0700, 3.9095,
6.0776

■ 47.3040, 2.3151,
4.1184

■ 50.8260, 0.5788,
1.0296

■ 53.7610, -0.8682,
-1.5444

Harmonies

Analogous

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



25.0370, 20.6878, -8.8024



25.5740, 13.0280, 21.4216



22.3710, 4.2541, 35.6316

Triad

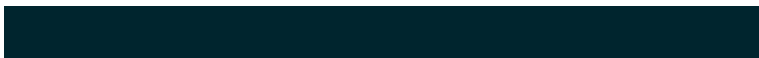
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.5740, 13.0280, 21.4216



25.7380, -12.6888, 9.8768



26.9630, 9.3852, -23.6466

Complementary

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



25.5740, 13.0280, 21.4216



34.4260, -13.0280, -21.4216

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.



24.3410, -0.6611, -21.3471



25.5740, 13.0280, 21.4216



23.2690, -11.4716, -7.2519

Square

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



25.5740, 13.0280, 21.4216



24.9510, -12.3008, 25.4760



20.5450, -10.1287, -18.0180



27.8410, 17.8264, -24.4166

Rectangle

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



25.5740, 13.0280, 21.4216



21.1450, -3.0295, 38.4608



20.5450, -10.1287, -18.0180



26.7520, 6.0383, -23.4615

Sweetspot

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



25.5740, 13.0280, 21.4216



58.7220, 5.0671, 8.1368



14.1900, 18.6403, -5.4286



29.2440, 3.3307, 5.0480



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



25.5740, 13.0280, 21.4216



27.6000, 20.4102, 33.6768



23.8920, 3.9972, 24.6507



23.9400, 1.0156, 0.9296



35.5610, 26.3454, 43.3580



86.6310, 64.2719, 105.5636

Inverse Universe

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



21.3840, -5.6123, 26.8502



20.9730, -8.8607, 42.1197



36.1080, -3.9972, -24.6507



23.8970, -0.4422, 1.8443



27.0670, -11.3720, 54.3152



66.0230, -27.6193, 132.4068

Previews

White Background



This preview shows how the YUV color 25.5740, 13.0280, 21.4216 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

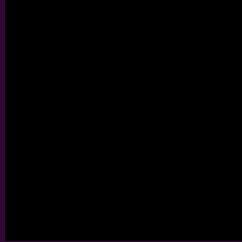
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.5740, 13.0280, 21.4216

Background



This preview shows how black text looks on a background with the YUV color 25.5740, 13.0280, 21.4216.



This preview shows how white text looks on a background with the YUV color 25.5740, 13.0280,

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

25.5740, 13.0280, 21.4216

Protanopia

23.2760, 18.1049, -20.4131

Deuteranopia

28.2790, 10.2155, -9.8917



Tritanopia

29.0020, -2.9590, 15.7842

Trichromacy



Original Color

25.5740, 13.0280, 21.4216

Protanomaly

24.2070, 16.1669, -5.4435

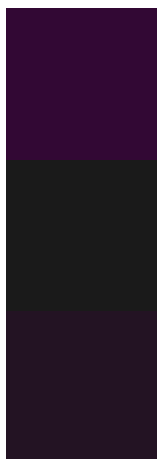
Deuteranomaly

27.2850, 11.1985, 1.5041

Tritanomaly

27.6200, 3.1453, 17.8733

Monochromacy



Original Color

25.5740, 13.0280, 21.4216

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

25.6080, 4.6303, 8.2368

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.5740, 13.0280, 21.4216 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(50, 8, 52)` looks like.

```
.text, #text, p{  
    color:rgb(50, 8, 52)  
}
```

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(50, 8, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 8, 52) }
```

Border

The CSS property to change the border of an element to YUV 25.5740, 13.0280, 21.4216 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(50, 8, 52) }
```


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

```
.border{ border-color:rgb(50, 8, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 8, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 8, 52); -webkit-box-shadow:4px  
4px 4px 4px rgb(50, 8, 52); box-shadow:4px  
4px 4px 4px rgb(50, 8, 52) }
```

Background

The CSS property to change the background color of an element to YUV 25.5740, 13.0280, 21.4216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 8, 52) }
```

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

```
.background{ background-color: rgb(50, 8,  
52) }
```

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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