

Converting Colors

YUV(12.5580, -6.1911, 25.8206)

Have a look what the booklet for
YUV(12.5580, -6.1911, 25.8206)
contains.

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Color

**YUV(12.5580, -6.1911,
25.8206)**

Conversions

Conversions Part 1

Format	Color
Hex	2A0000
RGB	42, 0, 0
RGB Percent	16%, 0%, 0%
CMY	0.8353, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.84
HSL	0°, 100%, 8%
HSV	0°, 100%, 16%
XYZ	0.9548, 0.4922, 0.0447
YIQ	12.5580, 25.0320, 8.9040

Conversions

Conversions Part 2

Format	Color
RYB	42, 0, 0
Decimal	2752512
CIELab	4.45, 19.76, 7.03
CIELCh	4, 20.968, 19.580
Yxy	0.4922, 0.6401, 0.3300
Android (android.graphics.Color)	4280942592 (0xFF2A0000)
YUV	12.5580, -6.1911, 25.8206
Hunter-Lab	7.0160, 12.0151, 4.5336

Details

The YUV color **12.5580, -6.1911, 25.8206** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **29.4420, 6.1911, -25.8206**, and the grayscale version is **13.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **58.7860, -5.3175, 25.6207**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **12.5580, -6.1911, 25.8206**, and if you desaturate by 10%, it is **15.3620, -5.6015, 23.3615**.

Distribution



Red (16%)

Green (0%)

Blue (0%)



Red (16%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (84%)



Cyan (84%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 12.5580, -6.1911, 25.8206 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 12.5580, -6.1911, 25.8206 by changing the saturation by 10% instead.

■ 12.5580, -6.1911,
25.8206

■ 12.5580, -6.1911,
25.8206

■ 234.0840, -3.9854,
18.3433

■ 0.0000, 0.0000,
0.0000

■ 58.7860, -5.3175,
25.6207

■ 82.6830, -5.7597,
27.4650

■ 107.1670, -6.4913,
28.7945

■ 132.1780, -6.4968,
30.5389

■ 158.7760, -6.7916,
31.7684

■ 185.9610, -7.3758,

32.4832

■ 213.5590, -7.6706,
33.7128

■ 12.5580, -6.1911,
25.8206

■ 15.3620, -5.6015,
23.3615

■ 18.1660, -5.0118,
20.9024

■ 21.6710, -4.2748,
17.8285

■ 24.4750, -3.6852,
15.3694

■ 27.2790, -3.0955,
12.9103

■ 30.0830, -2.5059,
10.4512

■ 32.8870, -1.9163,
7.9921

■ 36.3920, -1.1793,
4.9182

■ 39.1960, -0.5896,
2.4591

Harmonies

Analogous

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



14.1690, 3.8607, 21.7768



12.5580, -6.1911, 25.8206



13.9980, -6.9010, 20.1728

Triad

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



12.5580, -6.1911, 25.8206



13.5010, -6.6560, -11.8404



16.0550, 13.2839, -14.0802

Complementary

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



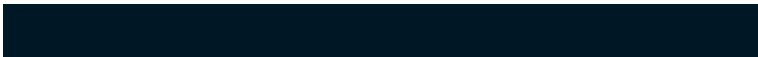
12.5580, -6.1911, 25.8206



29.4420, 6.1911, -25.8206

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.



17.7190, 9.5055, -15.5396



12.5580, -6.1911, 25.8206



14.7720, -4.3246, -12.9550

Square

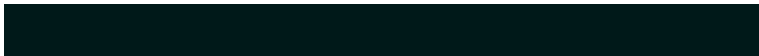
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12.5580, -6.1911, 25.8206



13.2460, -6.5303, -5.4777



17.5250, 3.6852, -15.3694



14.2130, 13.6990, -7.2028

Rectangle

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



12.5580, -6.1911, 25.8206



15.1390, -7.4635, 13.9101



17.5250, 3.6852, -15.3694



17.1150, 12.2683, -15.0099

Sweetspot

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



12.5580, -6.1911, 25.8206



42.0830, -2.5059, 10.4512



17.3460, 12.1544, 21.6216



20.9900, -1.4741, 6.1478



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



12.5580, -6.1911, 25.8206



16.1460, -7.9600, 33.1980



24.8850, -12.2683, 15.0099



18.5980, -0.2948, 1.2296



25.1160, -12.3822, 51.6413



63.3880, -31.2503, 130.3327

Inverse Universe

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



29.4420, 6.1911, -25.8206



37.8540, 7.9600, -33.1980



17.1150, 12.2683, -15.0099



19.4020, 0.2948, -1.2296



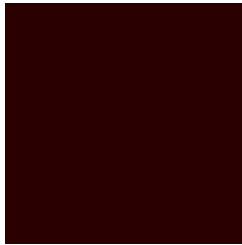
58.8840, 12.3822, -51.6413



148.6120, 31.2503, -130.3327

Previews

White Background



This preview shows how the YUV color 12.5580, -6.1911, 25.8206 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

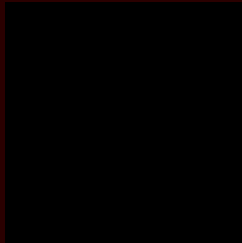
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 12.5580, -6.1911, 25.8206

Background



This preview shows how black text looks on a background with the YUV color 12.5580, -6.1911, 25.8206.

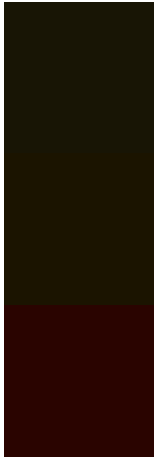


This preview shows how white text looks on a background with the YUV color 12.5580, -6.1911,

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



Protanopia

20.0730, -7.4310, 3.4440

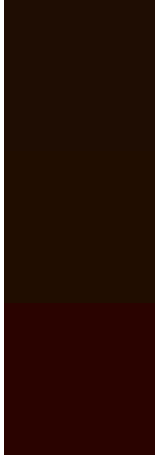
Deuteranopia

19.8130, -9.7678, 6.3030

Tritanopia

14.9060, -7.3487, 23.7614

Trichromacy



Protanomaly

17.2420, -7.0213, 12.0658

Deuteranomaly

17.1990, -8.4791, 12.9805

Tritanomaly

14.3190, -7.0593, 24.2762

Monochromacy



Achromatopsia

13.0000, 0.0000, 0.0000

Achromatomaly

12.7840, -2.3585, 9.8364

CSS Examples

Text

The CSS property to change the color of the text to YUV 12.5580, -6.1911, 25.8206 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(42, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(42, 0, 0)  
}
```

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(42, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 0, 0) }
```

Border

The CSS property to change the border of an element to YUV 12.5580, -6.1911, 25.8206 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(42, 0, 0) }
```

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

```
.border{ border-color:rgb(42, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(42, 0, 0); box-shadow:4px  
4px 4px 4px rgb(42, 0, 0) }
```


Background

The CSS property to change the background color of an element to YUV 12.5580, -6.1911, 25.8206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 0, 0) }
```

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

```
.background{ background-color: rgb(42, 0,  
0) }
```

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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