

Converting Colors

YUV(21.2960, -5.5689, 12.8954)

Have a look what the booklet for
YUV(21.2960, -5.5689, 12.8954)
contains.

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Color

**YUV(21.2960, -5.5689,
12.8954)**

Conversions

Conversions Part 1

Format	Color
Hex	24100A
RGB	36, 16, 10
RGB Percent	14%, 6%, 4%
CMY	0.8588, 0.9373, 0.9608
CMYK	0.00, 0.56, 0.72, 0.86
HSL	14°, 57%, 9%
HSV	14°, 72%, 14%
XYZ	0.9676, 0.7676, 0.3843
YIQ	21.2960, 13.8460, 2.3740

Conversions

Conversions Part 2

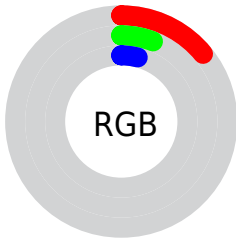
Format	Color
R_{YB}	36, 18, 10
Decimal	2363402
CIE Lab	6.93, 9.52, 6.46
CIE LCh	7, 11.500, 34.160
Yxy	0.7676, 0.4565, 0.3621
Android (android.graphics.Color)	4280553482 (0xFF24100A)
YUV	21.2960, -5.5689, 12.8954
Hunter-Lab	8.7611, 4.3828, 3.5319

Details

The YUV color **21.2960, -5.5689, 12.8954** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **24.7040, 5.5689, -12.8954**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.4210, -5.1376, 14.5398**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.0790, -6.4479, 14.8397**, and if you desaturate by 10%, it is **23.5130, -4.6899, 10.9511**.

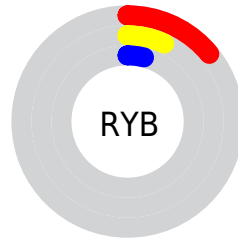
Distribution



Red (14%)

Green (6%)

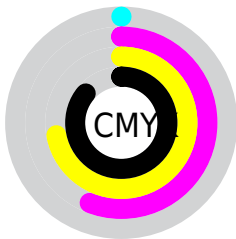
Blue (4%)



Red (14%)

Yellow (7%)

Blue (4%)

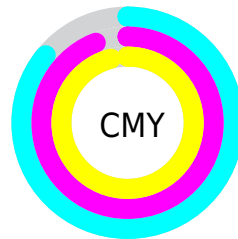


Cyan (0%)

Magenta (56%)

Yellow (72%)

Black (86%)



Cyan (86%)

Magenta (94%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.2960, -5.5689, 12.8954 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 21.2960, -5.5689, 12.8954 by changing the saturation by 10% instead.

■ 21.2960, -5.5689,
12.8954

■ 21.2960, -5.5689,
12.8954

■ 243.8010, -4.8319,
9.8215

■ 0.0000, 0.0000,
0.0000

■ 64.4210, -5.1376,
14.5398

■ 88.0190, -5.4324,
15.7693

■ 112.3180, -5.5798,
16.3841


■ 138.5030, -6.1640,
17.0989


■ 164.8020, -6.3114,
17.7136


■ 191.9870, -6.8956,


18.4284


 219.4000, -6.6062,
18.9432


 21.2960, -5.5689,
12.8954


 21.2960, -5.5689,
12.8954


 19.0790, -6.4479,
14.8397


 23.5130, -4.6899,
10.9511


 16.9760, -6.8902,
16.6840

 25.6160, -4.2477,
9.1068

 15.4600, -7.6218,
18.0136

 27.2460, -3.0793,
7.6773

 29.3490, -2.6371,
5.8329

 31.5660, -1.7580,
3.8886

■ 33.7830, -0.8790,
1.9443

■ 35.2990, -0.1474,
0.6148

■ 37.5160, 0.7316,
-1.3295

■ 39.6190, 1.1738,
-3.1739

Harmonies

Analogous

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



21.8490, -0.9116, 12.4104



21.2960, -5.5689, 12.8954



20.4330, -10.0735, 11.0213

Triad

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



21.2960, -5.5689, 12.8954



17.2390, -2.5828, -11.6106



20.3070, 7.7366, -8.1622

Complementary

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



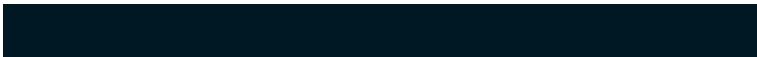
21.2960, -5.5689, 12.8954



24.7040, 5.5689, -12.8954

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.



18.0780, 8.3425, -15.8544



21.2960, -5.5689, 12.8954



17.7700, 2.0854, -15.5843

Square

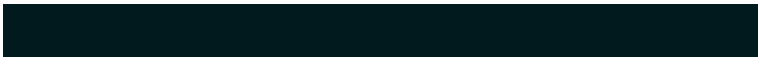
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21.2960, -5.5689, 12.8954



19.6980, -8.7251, -1.4891



18.6820, 5.5798, -16.3841



22.2050, 5.8149, 1.5742

Rectangle

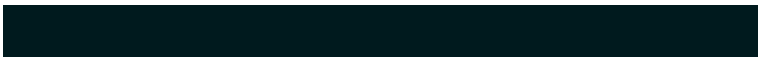
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.2960, -5.5689, 12.8954



20.4110, -10.0626, 7.5326



18.6820, 5.5798, -16.3841



19.3990, 8.1843, -11.7509

Sweetspot

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



21.2960, -5.5689, 12.8954



40.1640, -2.0529, 5.1182



20.0540, 4.9034, 13.9846



19.3810, -1.1738, 3.1739



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



21.2960, -5.5689, 12.8954



23.2430, -8.5008, 19.9579



28.9270, -9.3310, 6.2030



16.5980, -0.2948, 1.2296



35.6710, -17.5858, 40.6305



90.6670, -44.6988, 103.7780

Inverse Universe

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



24.7040, 5.5689, -12.8954



28.7570, 8.5008, -19.9579



17.0730, 9.3310, -6.2030



16.8150, 0.5842, -0.7148



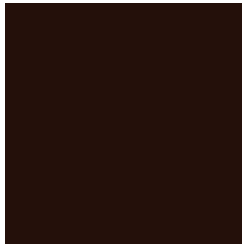
46.3290, 17.5858, -40.6305



118.3330, 44.6988, -103.7780

Previews

White Background



This preview shows how the YUV color 21.2960, -5.5689, 12.8954 looks on a white background.

Color Contrast Check

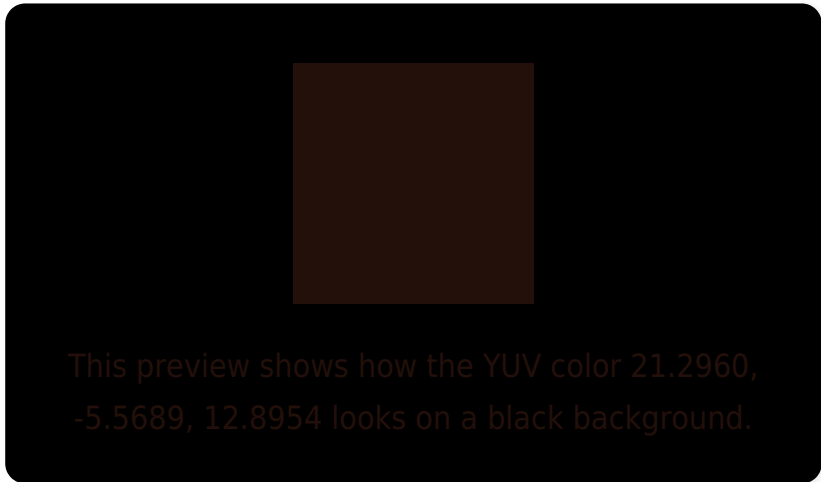
Large Text (above 18pt) WCAG AA ✓ Pass

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

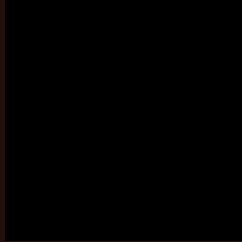
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.2960, -5.5689, 12.8954

Background



This preview shows how black text looks on a background with the YUV color 21.2960, -5.5689, 12.8954.



This preview shows how white text looks on a background with the YUV color 21.2960, -5.5689,

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

21.2960, -5.5689, 12.8954

Protanopia

21.4580, -4.6628, 2.2293

Deuteranopia

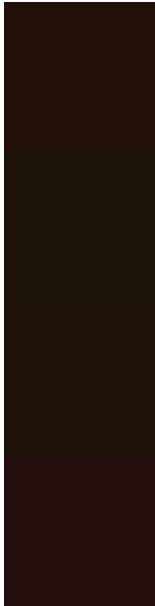
21.7250, -6.2734, 5.5032



Tritanopia

21.3930, -2.6587, 12.8103

Trichromacy



Original Color

21.2960, -5.5689, 12.8954

Protanomaly

21.3660, -5.1104, 5.8180

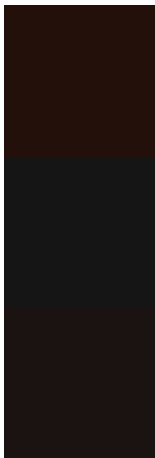
Deuteranomaly

21.4480, -6.1369, 8.3771

Tritanomaly

21.1650, -3.5323, 13.0103

Monochromacy



Original Color

21.2960, -5.5689, 12.8954

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.8650, -1.9054, 4.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.2960, -5.5689, 12.8954 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(36, 16, 10)` looks like.

```
.text, #text, p{  
    color:rgb(36, 16, 10)  
}
```

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(36, 16, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 16, 10) }
```

Border

The CSS property to change the border of an element to YUV 21.2960, -5.5689, 12.8954 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(36, 16, 10) }
```


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

```
.border{ border-color:rgb(36, 16, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 16, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 16, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 16, 10);  
box-shadow:4px 4px 4px 4px rgb(36, 16, 10)  
}
```

Background

The CSS property to change the background color of an element to YUV 21.2960, -5.5689, 12.8954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 16, 10) }
```

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

```
.background{ background-color: rgb(36, 16,  
10) }
```

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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