

Converting Colors

YUV(55.5720, 12.5360, -7.5176)

Have a look what the booklet for
YUV(55.5720, 12.5360, -7.5176)
contains.

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Color

**YUV(55.5720, 12.5360,
-7.5176)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3751
RGB	47, 55, 81
RGB Percent	18%, 22%, 32%
CMY	0.8157, 0.7843, 0.6824
CMYK	0.42, 0.32, 0.00, 0.68
HSL	226°, 27%, 25%
HSV	226°, 42%, 32%
XYZ	4.0237, 3.9308, 8.3312
YIQ	55.5720, -13.1140, 6.3900

Conversions

Conversions Part 2

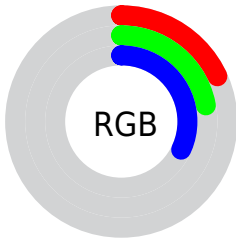
Format	Color
R_{YB}	47, 53, 81
Decimal	3094353
CIE _{Lab}	23.44, 4.25, -16.91
CIE _{LCh}	23, 17.432, 284.126
Yxy	3.9308, 0.2471, 0.2414
Android (android.graphics.Color)	4281284433 (0xFF2F3751)
YUV	55.5720, 12.5360, -7.5176
Hunter-Lab	19.8262, 1.5302, -11.0360

Details

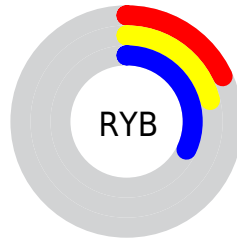
The YUV color **55.5720, 12.5360, -7.5176** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **72.4280, -12.5360, 7.5176**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.8000, 13.4096, -7.7176**, and **11.1590, 12.2466, -8.0324** is the 20% darker color. If you saturate the color by 10%, you get **49.6580, 15.4516, -9.3471**, and if you desaturate by 10%, it is **61.4860, 9.6204, -5.6882**.

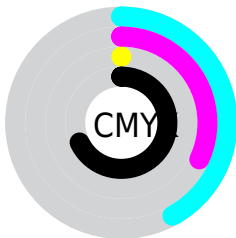
Distribution



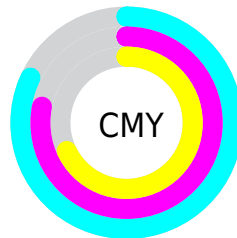
- Red (18%)
- Green (22%)
- Blue (32%)



- Red (18%)
- Yellow (21%)
- Blue (32%)



- Cyan (42%)
- Magenta (32%)
- Yellow (0%)
- Black (68%)



- Cyan (82%)
- Magenta (78%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.5720, 12.5360, -7.5176 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 55.5720, 12.5360, -7.5176 by changing the saturation by 10% instead.

■ 55.5720, 12.5360,
-7.5176

■ 55.5720, 12.5360,
-7.5176

■ 255.0000, 0.0000,
0.0000

■ 34.0450, 11.8098,
-7.9325

■ 102.8000, 13.4096,
-7.7176

■ 11.1590, 12.2466,
-8.0324

■ 128.3270, 14.1358,
-7.3028

■ 2.0690, 5.3890,
-1.8145

■ 153.7400, 14.4252,
-6.7880

■ 0.0000, 0.0000,
0.0000

■ 180.5550, 15.0094,
-7.5027

■ 208.5550, 15.0094,
-7.5027

■ 235.1870, 9.7678,

-6.3030

■ 55.5720, 12.5360,
-7.5176

■ 55.5720, 12.5360,
-7.5176

■ 49.6580, 15.4516,
-9.3471

■ 61.4860, 9.6204,
-5.6882

■ 43.7440, 18.3672,
-11.1765

■ 67.4000, 6.7048,
-3.8588

■ 37.2430, 21.5722,
-12.4911

■ 73.9010, 3.4998,
-2.5442

■ 31.3290, 24.4878,
-14.3205

■ 79.8150, 0.5842,
-0.7148

■ 25.4150, 27.4034,
-16.1500

■ 86.0280, -2.4788,
1.7294

■ 20.3870, 29.8822,
-17.8794

■ 91.9420, -5.3944,
3.5589

■ 97.8560, -8.3100,
5.3883

■ 104.3570,
-11.5150, 6.7029

■ 110.2710,
-14.4306, 8.5323

Harmonies

Analogous

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



51.0430, 14.7688, -23.7167



55.5720, 12.5360, -7.5176



57.3350, 8.7088, 6.7222

Triad

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



55.5720, 12.5360, -7.5176



56.1290, -8.9376, 20.0579



49.9390, -0.9559, -20.1175

Complementary

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



55.5720, 12.5360, -7.5176



72.4280, -12.5360, 7.5176

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.



52.5940, -7.6878, -7.5369



55.5720, 12.5360, -7.5176



55.5750, -12.1155, 12.6507

Square

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



55.5720, 12.5360, -7.5176



56.9210, -3.4121, 21.1173



54.2210, -11.9410, 3.3142



46.4410, 7.6706, -33.7128

Rectangle

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



55.5720, 12.5360, -7.5176



57.9400, 4.4666, 14.0846



54.2210, -11.9410, 3.3142



51.2770, -3.5876, -16.0289

Sweetspot

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



55.5720, 12.5360, -7.5176



94.3570, 5.2470, -2.9441



69.9220, 1.5175, -20.1026



47.2000, 3.3524, -1.9294



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



55.5720, 12.5360, -7.5176



65.6730, 19.3882, -11.9912



53.5670, 13.5245, 2.1337



38.0430, 1.4578, -0.9147



26.6450, 38.6290, -23.3677



58.7330, 85.4206, -51.5088

Inverse Universe

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



58.0780, -1.5175, 20.1026



69.3290, -2.1342, 31.2835



74.7320, -13.6719, -1.5190



38.3100, -0.1528, 2.3591



34.2450, -4.5578, 62.0521



75.6380, -10.1745, 137.1295

Previews

White Background



This preview shows how the YUV color 55.5720, 12.5360, -7.5176 looks on a white background.

Color Contrast Check

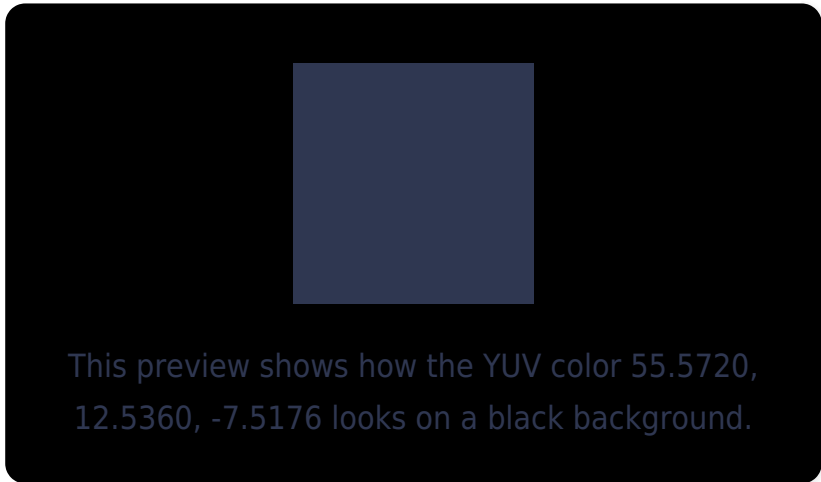
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.5720, 12.5360, -7.5176

Background



This preview shows how black text looks on a background with the YUV color 55.5720, 12.5360, -7.5176.



This preview shows how white text looks on a background with the YUV color 55.5720, 12.5360,

-7.5176.

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

55.5720, 12.5360, -7.5176

Protanopia

55.5720, 12.5360, -7.5176

Deuteranopia

55.2730, 12.6834, -8.1324



Tritanopia

53.7860, 4.5425, -10.3363

Trichromacy



Original Color

55.5720, 12.5360, -7.5176

Protanomaly

55.5720, 12.5360, -7.5176

Deuteranomaly

55.2730, 12.6834, -8.1324

Tritanomaly

54.5950, 7.5947, -9.2918

Monochromacy



Original Color

55.5720, 12.5360, -7.5176

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.1290, 4.3734, -2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.5720, 12.5360, -7.5176 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(47, 55, 81)` looks like.

```
.text, #text, p{  
    color:rgb(47, 55, 81)  
}
```

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(47, 55, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 55, 81) }
```

Border

The CSS property to change the border of an element to YUV 55.5720, 12.5360, -7.5176 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(47, 55, 81) }
```


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

```
.border{ border-color:rgb(47, 55, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 55, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 55, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 55, 81);  
box-shadow:4px 4px 4px 4px rgb(47, 55, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.5720, 12.5360, -7.5176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 55, 81) }
```

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

```
.background{ background-color: rgb(47, 55,  
81) }
```

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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