

Converting Colors

YUV(87.7360, 27.2452,
-12.0465)

Have a look what the booklet for
YUV(87.7360, 27.2452, -12.0465)
contains.

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Color

**YUV(87.7360, 27.2452,
-12.0465)**

Conversions

Conversions Part 1

Format	Color
Hex	4A548F
RGB	74, 84, 143
RGB Percent	29%, 33%, 56%
CMY	0.7098, 0.6706, 0.4392
CMYK	0.48, 0.41, 0.00, 0.44
HSL	231°, 32%, 43%
HSV	231°, 48%, 56%
XYZ	10.9523, 9.7797, 27.2970
YIQ	87.7360, -24.8990, 16.2290

Conversions

Conversions Part 2

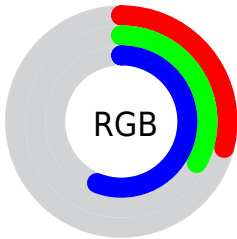
Format	Color
R_{YB}	74, 83, 143
Decimal	4871311
CIE _{Lab}	37.44, 12.95, -33.96
CIE _{LCh}	37, 36.349, 290.866
Yxy	9.7797, 0.2280, 0.2036
Android (android.graphics.Color)	4283061391 (0xFF4A548F)
YUV	87.7360, 27.2452, -12.0465
Hunter-Lab	31.2725, 7.7878, -29.8622

Details

The YUV color $87.7360, 27.2452, -12.0465$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $129.2640, -27.2452, 12.0465$, and the grayscale version is $87.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $138.2030, 28.9869, -10.7020$, and $39.0620, 26.0984, -17.5944$ is the 20% darker color. If you saturate the color by 10%, you get $76.5060, 32.7815, -14.4758$, and if you desaturate by 10%, it is $98.9660, 21.7088, -9.6172$.

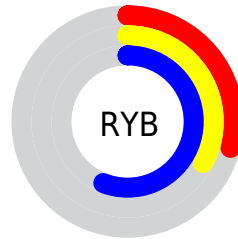
Distribution



Red (29%)

Green (33%)

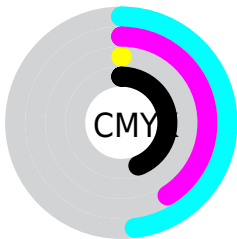
Blue (56%)



Red (29%)

Yellow (33%)

Blue (56%)

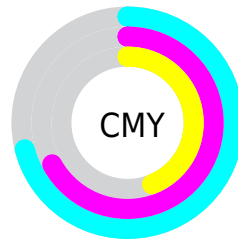


Cyan (48%)

Magenta (41%)

Yellow (0%)

Black (44%)



Cyan (71%)

Magenta (67%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.7360, 27.2452, -12.0465 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 87.7360, 27.2452, -12.0465 by changing the saturation by 10% instead.

■ 87.7360, 27.2452,
-12.0465

■ 87.7360, 27.2452,
-12.0465

■ 255.0000, 0.0000,
0.0000

■ 63.4970, 26.3770,
-13.5909

■ 138.2030, 28.9869,
-10.7020

■ 39.0620, 26.0984,
-17.5944

■ 165.0290, 29.5657,
-9.6724

■ 19.4920, 23.9144,
-17.0945

■ 192.2570, 30.4393,
-9.8724

■ 6.4180, 19.5139,
-5.6286

■ 217.1790, 18.6458,
-7.1730

■ 3.3230, 10.1938,
-2.9143

■ 242.2860, 6.2680,
-3.7588

■ 0.0000, 0.0000,
0.0000

■ 87.7360, 27.2452,
-12.0465

■ 87.7360, 27.2452,
-12.0465

■ 76.5060, 32.7815,
-14.4758

■ 98.9660, 21.7088,
-9.6172

■ 64.9770, 38.4653,
-17.5198

■ 110.4950, 16.0250,
-6.5731

■ 53.1600, 44.2911,
-19.4343

■ 122.3120, 10.1992,
-4.6586

■ 41.9300, 49.8275,
-21.8636

■ 133.5420, 4.6628,
-2.2293

■ 30.7000, 55.3639,
-24.2929

■ 145.0710, -1.0210,
0.8147

■ 28.6290, 56.3849,
-25.1076

■ 156.3010, -6.5574,
3.2440

■ 168.1180,
-12.3832, 5.1585

■ 179.3480,

-17.9196, 7.5878

■ 190.8770,
-23.6034, 10.6319

Harmonies

Analogous

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



71.8220, 36.5698, -62.9879



87.7360, 27.2452, -12.0465



90.8990, 16.8118, 21.1366

Triad

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



87.7360, 27.2452, -12.0465



86.6340, -21.5116, 39.7860



68.7660, 4.5524, -60.3078

Complementary

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



87.7360, 27.2452, -12.0465



129.2640, -27.2452, 12.0465

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.



78.3500, -14.4695, -25.7399



87.7360, 27.2452, -12.0465



85.2870, -28.7355, 23.4273

Square

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



87.7360, 27.2452, -12.0465



87.3050, -9.0244, 47.9675



83.1270, -26.1916, 0.7656



72.1860, 17.6563, -63.3071

Rectangle

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



87.7360, 27.2452, -12.0465



89.9350, 8.9060, 36.8910



83.1270, -26.1916, 0.7656



67.3380, 0.3264, -58.1784

Sweetspot

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



87.7360, 27.2452, -12.0465



165.3120, 10.1992, -4.6586



121.2290, 5.8031, -41.4198



81.5850, 6.1206, -3.1440



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



87.7360, 27.2452, -12.0465



99.7040, 42.5439, -19.0344



89.0420, 26.6013, 7.8562



65.3850, 2.7682, -1.2146



27.1300, 53.1799, -23.7930



1.4990, 3.2050, -1.3146

Inverse Universe

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



95.7710, -5.8031, 41.4198



112.1160, -8.9312, 64.7963



127.9580, -26.6013, -7.8562



66.2070, -0.5951, 4.2035



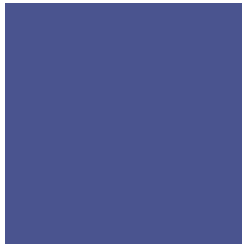
42.6450, -11.1640, 80.9953



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 87.7360, 27.2452, -12.0465 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



This preview shows how the YUV color 87.7360, 27.2452, -12.0465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

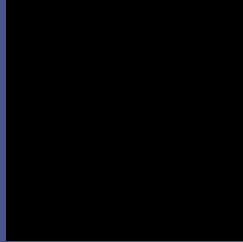
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.7360, 27.2452, -12.0465

Background



This preview shows how black text looks on a background with the YUV color 87.7360, 27.2452, -12.0465.



This preview shows how white text looks on a background with the YUV color 87.7360, 27.2452,

-12.0465.

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

87.7360, 27.2452, -12.0465

Protanopia

86.1480, 29.0140, -19.4238

Deuteranopia

84.5880, 28.3041, -25.0717



Tritanopia

84.3440, 8.2114, -20.4727

Trichromacy



Original Color

87.7360, 27.2452, -12.0465

Protanomaly

86.6430, 28.2770, -16.3499

Deuteranomaly

86.0940, 27.5617, -20.2534

Tritanomaly

85.7880, 14.8945, -17.3541

Monochromacy



Original Color

87.7360, 27.2452, -12.0465

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.1980, 9.7624, -4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.7360, 27.2452, -12.0465 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(74, 84, 143)` looks like.

```
.text, #text, p{  
    color:rgb(74, 84, 143)  
}
```

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(74, 84, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 84, 143) }
```

Border

The CSS property to change the border of an element to YUV 87.7360, 27.2452, -12.0465 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(74, 84, 143) }
```


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

```
.border{ border-color:rgb(74, 84, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 84, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 84, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 84, 143);  
box-shadow:4px 4px 4px 4px rgb(74, 84,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 87.7360, 27.2452, -12.0465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 84, 143) }
```

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

```
.background{ background-color: rgb(74, 84,  
143) }
```

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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