

Converting Colors

YUV(62.2470, 12.2032, 5.9224)

Have a look what the booklet for
YUV(62.2470, 12.2032, 5.9224)
contains.

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Color

**YUV(62.2470, 12.2032,
5.9224)**

Conversions

Conversions Part 1

Format	Color
Hex	453657
RGB	69, 54, 87
RGB Percent	27%, 21%, 34%
CMY	0.7294, 0.7882, 0.6588
CMYK	0.21, 0.38, 0.00, 0.66
HSL	267°, 23%, 28%
HSV	267°, 38%, 34%
XYZ	5.4937, 4.5917, 9.6136
YIQ	62.2470, -1.6530, 13.4430

Conversions

Conversions Part 2

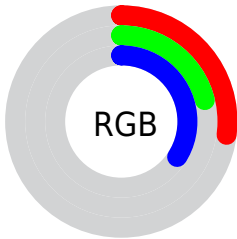
Format	Color
R_{YB}	69, 54, 87
Decimal	4535895
CIE _{Lab}	25.54, 14.28, -17.44
CIE _{LCh}	26, 22.539, 309.305
Yxy	4.5917, 0.2789, 0.2331
Android (android.graphics.Color)	4282725975 (0xFF453657)
YUV	62.2470, 12.2032, 5.9224
Hunter-Lab	21.4282, 8.2642, -11.6002

Details

The YUV color **62.2470, 12.2032, 5.9224** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **78.7530, -12.2032, -5.9224**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.1870, 13.2188, 6.8520**, and **18.6060, 11.0402, 5.6075** is the 20% darker color. If you saturate the color by 10%, you get **55.4690, 15.5448, 7.4817**, and if you desaturate by 10%, it is **69.0250, 8.8617, 4.3631**.

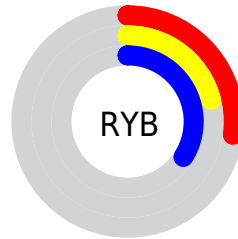
Distribution



Red (27%)

Green (21%)

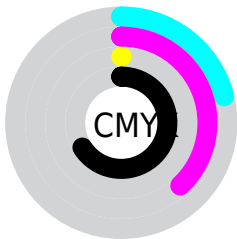
Blue (34%)



Red (27%)

Yellow (21%)

Blue (34%)

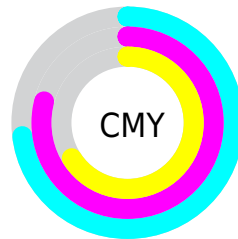


Cyan (21%)

Magenta (38%)

Yellow (0%)

Black (66%)



Cyan (73%)

Magenta (79%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.2470, 12.2032, 5.9224 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 62.2470, 12.2032, 5.9224 by changing the saturation by 10% instead.

■ 62.2470, 12.2032,
5.9224

■ 62.2470, 12.2032,
5.9224

■ 255.0000, 0.0000,
0.0000

■ 39.8340, 11.9138,
5.4076

■ 110.1870, 13.2188,
6.8520

■ 18.6060, 11.0402,
5.6075

■ 135.6000, 13.5082,
7.3668

■ 2.8670, 8.4466,
-2.5144

■ 161.7140, 13.9450,
7.2668

■ 0.0000, 0.0000,
0.0000

■ 189.1270, 14.2344,
7.7816

■ 216.6540, 14.9606,
8.1964

■ 242.6730, 6.0772,

10.8108

■ 62.2470, 12.2032,
5.9224

■ 62.2470, 12.2032,
5.9224

■ 55.4690, 15.5448,
7.4817

■ 69.0250, 8.8617,
4.3631

■ 49.5770, 18.4495,
9.1410

■ 74.9170, 5.9569,
2.7038

■ 42.7990, 21.7911,
10.7003

■ 81.6950, 2.6154,
1.1445

■ 36.0210, 25.1326,
12.2596

■ 88.4730, -0.7262,
-0.4148

■ 29.2430, 28.4742,
13.8189

■ 95.2510, -4.0677,
-1.9741

■ 23.3510, 31.3790,
15.4782

■ 101.1430, -6.9725,
-3.6334

■ 21.8780, 32.1051,
15.8930

■ 107.9210,
-10.3141, -5.1927

■ 114.6990,
-13.6556, -6.7520

■ 120.8900,
-16.7078, -7.7965

Harmonies

Analogous

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



58.4940, 17.5045, -14.4652



62.2470, 12.2032, 5.9224



62.2120, 5.3185, 20.8621

Triad

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



62.2470, 12.2032, 5.9224



59.8100, -15.1893, 18.5836



47.9130, 8.4239, -42.0197

Complementary

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



62.2470, 12.2032, 5.9224



78.7530, -12.2032, -5.9224

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.



52.5640, -2.2501, -25.0506



62.2470, 12.2032, 5.9224



58.5050, -16.0250, 6.5731

Square

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



62.2470, 12.2032, 5.9224



61.1190, -10.4117, 26.2056



56.5570, -11.6136, -8.3815



49.2640, 16.1388, -43.2045

Rectangle

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



62.2470, 12.2032, 5.9224



62.1650, -0.0813, 26.1653



56.5570, -11.6136, -8.3815



47.3430, 6.2399, -41.5198

Sweetspot

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



62.2470, 12.2032, 5.9224



102.8630, 4.5045, 1.8741



68.3280, 9.2053, -12.5657



50.6950, 2.6154, 1.1445



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



62.2470, 12.2032, 5.9224



73.6910, 18.8863, 9.0410



67.0310, 9.8447, 15.7588



40.0540, 1.4524, 0.8296



26.8490, 39.5144, 19.4264



58.7830, 86.8750, 42.2863

Inverse Universe

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



65.9190, 2.9979, 18.4880



79.4410, 4.7126, 28.5542



73.9690, -9.8447, -15.7588



40.4240, 0.2840, 2.2592



38.6050, 9.5617, 59.9824



84.8570, 21.2695, 131.6754

Previews

White Background



This preview shows how the YUV color 62.2470, 12.2032, 5.9224 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 62.2470, 12.2032, 5.9224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

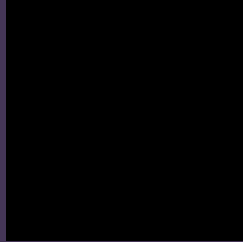
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.2470, 12.2032, 5.9224

Background



This preview shows how black text looks on a background with the YUV color 62.2470, 12.2032, 5.9224.



This preview shows how white text looks on a background with the YUV color 62.2470, 12.2032,

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

62.2470, 12.2032, 5.9224

Protanopia

60.6580, 15.4516, -9.3471

Deuteranopia

60.5720, 12.5360, -7.5176



Tritanopia

61.3640, 1.2995, 3.1888

Trichromacy



Original Color

62.2470, 12.2032, 5.9224

Protanomaly

61.3490, 14.1249, -3.8141

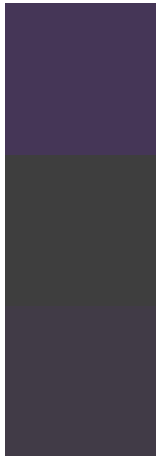
Deuteranomaly

61.1920, 12.2303, -2.7994

Tritanomaly

61.4010, 5.2253, 4.0333

Monochromacy



Original Color

62.2470, 12.2032, 5.9224

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.1620, 4.3571, 2.4889

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.2470, 12.2032, 5.9224 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(69, 54, 87)` looks like.

```
.text, #text, p{  
    color:rgb(69, 54, 87)  
}
```

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(69, 54, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 54, 87) }
```

Border

The CSS property to change the border of an element to YUV 62.2470, 12.2032, 5.9224 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(69, 54, 87) }
```


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

```
.border{ border-color:rgb(69, 54, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 54, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 54, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 54, 87);  
box-shadow:4px 4px 4px 4px rgb(69, 54, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.2470, 12.2032, 5.9224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 54, 87) }
```

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

```
.background{ background-color: rgb(69, 54,  
87) }
```

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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