

Converting Colors

YUV(90.7640, -5.3067, 22.1320)

Have a look what the booklet for
YUV(90.7640, -5.3067, 22.1320)
contains.

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Color

**YUV(90.7640, -5.3067,
22.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	745050
RGB	116, 80, 80
RGB Percent	45%, 31%, 31%
CMY	0.5451, 0.6863, 0.6863
CMYK	0.00, 0.31, 0.31, 0.55
HSL	0°, 18%, 38%
HSV	0°, 31%, 45%
XYZ	11.5191, 10.0295, 8.9182
YIQ	90.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

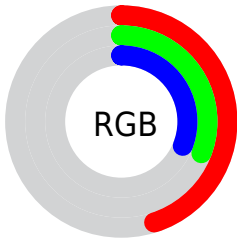
Format	Color
R _Y B	116, 80, 80
Decimal	7622736
CIE Lab	37.90, 15.13, 6.07
CIE LCh	38, 16.300, 21.851
Yxy	10.0295, 0.3781, 0.3292
Android (android.graphics.Color)	4285812816 (0xFF745050)
YUV	90.7640, -5.3067, 22.1320
Hunter-Lab	31.6694, 9.5042, 5.4724

Details

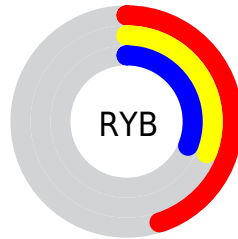
The YUV color **90.7640, -5.3067, 22.1320** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **105.2360, 5.3067, -22.1320**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.5470, -6.1857, 24.0763**, and **44.3830, -4.1328, 18.9581** is the 20% darker color. If you saturate the color by 10%, you get **82.3520, -7.0755, 29.5093**, and if you desaturate by 10%, it is **99.1760, -3.5378, 14.7546**.

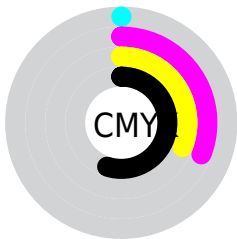
Distribution



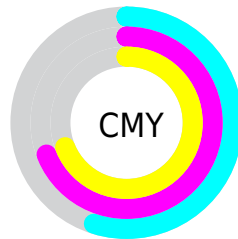
- Red (45%)
- Green (31%)
- Blue (31%)



- Red (45%)
- Yellow (31%)
- Blue (31%)



- Cyan (0%)
- Magenta (31%)
- Yellow (31%)
- Black (55%)



- Cyan (55%)
- Magenta (69%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.7640, -5.3067, 22.1320 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 90.7640, -5.3067, 22.1320 by changing the saturation by 10% instead.

■ 90.7640, -5.3067,
22.1320

■ 90.7640, -5.3067,
22.1320

■ 255.0000, 0.0000,
0.0000

■ 67.1660, -5.0118,
20.9024

■ 141.5470, -6.1857,
24.0763

■ 44.3830, -4.1328,
18.9581

■ 168.1450, -6.4805,
25.3058

■ 22.6710, -4.2748,
17.8285

■ 195.4440, -6.6279,
25.9206

■ 4.4850, -2.2111,
9.2217

■ 223.1560, -6.4859,
27.0502

■ 0.0000, 0.0000,
0.0000

■ 243.6700, -2.7953,
9.9364

■ 90.7640, -5.3067,
22.1320

■ 90.7640, -5.3067,
22.1320

■ 82.3520, -7.0755,
29.5093

■ 99.1760, -3.5378,
14.7546

■ 74.6410, -8.6970,
36.2718

■ 106.8870, -1.9163,
7.9921

■ 66.2290, -10.4659,
43.6492

■ 115.2990, -0.1474,
0.6148

■ 58.5180, -12.0874,
50.4117

■ 123.0100, 1.4741,
-6.1478

■ 50.1060, -13.8563,
57.7890

■ 131.4220, 3.2430,
-13.5251

■ 41.6940, -15.6251,
65.1664

■ 139.8340, 5.0118,
-20.9024

■ 34.6840, -17.0992,
71.3141

■ 147.5450, 6.6333,
-27.6650

■ 155.9570, 8.4022,

-35.0423

■ 163.6680, 10.0237,
-41.8048

Harmonies

Analogous

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



91.3490, 0.8139, 18.9879



90.7640, -5.3067, 22.1320



90.0750, -10.3900, 19.2282

Triad

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



90.7640, -5.3067, 22.1320



86.2130, -6.5140, -10.7108



87.4460, 13.5841, -17.0541

Complementary

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



90.7640, -5.3067, 22.1320



105.2360, 5.3067, -22.1320

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.



84.0380, 12.3063, -27.2203



90.7640, -5.3067, 22.1320



83.6830, 0.6493, -21.6470

Square

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



90.7640, -5.3067, 22.1320



87.4380, -11.0619, 1.3699



82.4740, 7.6543, -28.4797



89.7790, 11.9410, -3.3142

Rectangle

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



90.7640, -5.3067, 22.1320



89.4720, -12.5577, 14.4951



82.4740, 7.6543, -28.4797



86.1250, 13.7424, -21.1576

Sweetspot

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



90.7640, -5.3067, 22.1320



140.8870, -1.9163, 7.9921



94.8680, 10.4181, 18.5328



70.6910, -1.3267, 5.5330



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



90.7640, -5.3067, 22.1320



111.4450, -8.1074, 33.8127



101.3300, -10.5157, 12.8656



54.7940, -0.8844, 3.6887



36.4780, -17.9837, 75.0028



74.7500, -36.8518, 153.6943

Inverse Universe

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



105.2360, 5.3067, -22.1320



133.5550, 8.1074, -33.8127



94.6700, 10.5157, -12.8656



57.2060, 0.8844, -3.6887



85.5220, 17.9837, -75.0028



175.2500, 36.8518, -153.6943

Previews

White Background



This preview shows how the YUV color 90.7640, -5.3067, 22.1320 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 × Fail

Black Background



This preview shows how the YUV color 90.7640, -5.3067, 22.1320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

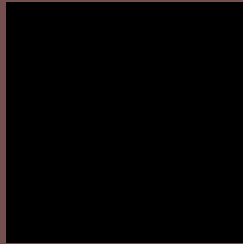
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.7640, -5.3067, 22.1320

Background



This preview shows how black text looks on a background with the YUV color 90.7640, -5.3067, 22.1320.



This preview shows how white text looks on a background with the YUV color 90.7640, -5.3067,

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

90.7640, -5.3067, 22.1320

Protanopia

89.4410, -2.1894, 2.2442

Deuteranopia

89.9860, -5.4161, 10.5363



Tritanopia

91.0460, -2.9807, 22.7617

Trichromacy



Original Color

90.7640, -5.3067, 22.1320

Protanomaly

90.1430, -3.5215, 9.5216

Deuteranomaly

90.3070, -5.5744, 14.6398

Tritanomaly

90.8180, -3.8543, 22.9616

Monochromacy



Original Color

90.7640, -5.3067, 22.1320

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.8870, -1.9163, 7.9921

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.7640, -5.3067, 22.1320 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(116, 80, 80)` looks like.

```
.text, #text, p{  
    color:rgb(116, 80, 80)  
}
```

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(116, 80, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 80, 80) }
```

Border

The CSS property to change the border of an element to YUV 90.7640, -5.3067, 22.1320 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(116, 80, 80) }
```


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

```
.border{ border-color:rgb(116, 80, 80) }
```

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

Here you see how a box with a 4 pixel rgb(116, 80, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 80, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 80, 80);  
box-shadow:4px 4px 4px 4px rgb(116, 80,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 90.7640, -5.3067, 22.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 80, 80) }
```

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

```
.background{ background-color: rgb(116, 80,  
80) }
```

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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