

Converting Colors

YUV(45.6390, -12.1470,
69.5996)

Have a look what the booklet for
YUV(45.6390, -12.1470, 69.5996)
contains.

| | |
|--|----|
| YUV(45.6390, -12.1470, 69.5996) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(45.6390, -12.1470,
69.5996)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7D0A15 |
| RGB | 125, 10, 21 |
| RGB Percent | 49%, 4%, 8% |
| CMY | 0.5098, 0.9608, 0.9176 |
| CMYK | 0.00, 0.92, 0.83, 0.51 |
| HSL | 354°, 85%, 26% |
| HSV | 354°, 92%, 49% |
| XYZ | 8.7013, 4.6312, 1.1448 |
| YIQ | 45.6390, 65.0090, 27.8010 |

Conversions

Conversions Part 2

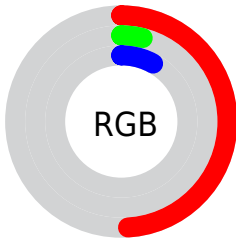
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 125, 10, 21 |
| Decimal | 8194581 |
| CIE Lab | 25.66, 45.79, 28.01 |
| CIE LCh | 26, 53.678, 31.452 |
| Yxy | 4.6312, 0.6010, 0.3199 |
| Android (android.graphics.Color) | 4286384661 (0xFF7D0A15) |
| YUV | 45.6390, -12.1470, 69.5996 |
| Hunter-Lab | 21.5202, 34.5131, 11.9102 |

Details

The YUV color **45.6390, -12.1470, 69.5996** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **89.3610, 12.1470, -69.5996**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.4020, -19.4252, 70.6844**, and **20.0330, -9.8763, 41.1901** is the 20% darker color. If you saturate the color by 10%, you get **38.7430, -13.1843, 75.6474**, and if you desaturate by 10%, it is **54.5240, -11.1043, 61.8075**.

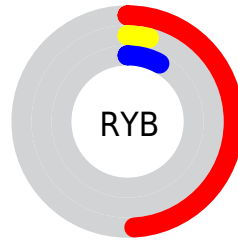
Distribution



Red (49%)

Green (4%)

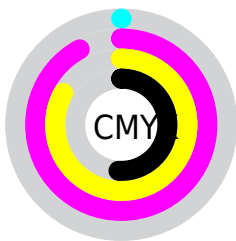
Blue (8%)



Red (49%)

Yellow (4%)

Blue (8%)

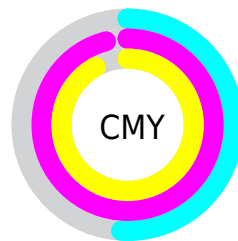


Cyan (0%)

Magenta (92%)

Yellow (83%)

Black (51%)



Cyan (51%)


Magenta (96%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the YUV color 45.6390, -12.1470, 69.5996 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 45.6390, -12.1470, 69.5996 by changing the saturation by 10% instead.


 45.6390, -12.1470,
69.5996


 45.6390, -12.1470,
69.5996


 254.0880, -3.4944,
0.7998

 28.7040, -14.1511,
59.0186


 103.4020,
-19.4252, 70.6844


 20.0330, -9.8763,
41.1901

 131.1420,
-21.7620, 73.5435

 12.0740, -5.4595,
24.4911

 158.2240,
-22.7884, 76.1026

 0.0000, 0.0000,
0.0000

 179.9130,
-21.1561, 65.8513

 199.4270,
-17.4655, 48.7375

 218.9410,

-13.7749, 31.6237

239.1560, -9.9369,
13.8952

45.6390, -12.1470,
69.5996

45.6390, -12.1470,
69.5996

38.7430, -13.1843,
75.6474

54.5240, -11.1043,
61.8075

62.9360, -9.3354,
54.4301

71.8210, -8.2928,
46.6380

80.1190, -6.9607,
39.3606

89.1180, -5.4812,
31.4685

■ 97.4160, -4.1491,
24.1912

■ 106.3010, -3.1064,
16.3990

■ 114.5990, -1.7743,
9.1217

■ 123.0110, -0.0054,
1.7444

Harmonies

Analogous

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



45.2260, 7.7766, 72.5928



45.6390, -12.1470, 69.5996



56.0490, -27.6322, 42.9300

Triad

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



45.6390, -12.1470, 69.5996



45.9630, -14.2788, -40.3096



55.1580, 43.7991, -48.3736

Complementary

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



45.6390, -12.1470, 69.5996



89.3610, 12.1470, -69.5996

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.



59.1870, 36.3898, -51.9070



45.6390, -12.1470, 69.5996



52.2670, 4.7984, -45.8382

Square

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



45.6390, -12.1470, 69.5996



50.6580, -24.9744, -16.3631



56.9410, 22.7071, -49.9373



60.1420, 34.9330, -4.5095

Rectangle

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



45.6390, -12.1470, 69.5996



57.7000, -28.4461, 23.9421



56.9410, 22.7071, -49.9373



57.3920, 42.2047, -50.3328

Sweetspot

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



45.6390, -12.1470, 69.5996



131.9110, -4.8861, 27.2651



54.2060, 34.9014, 52.4393



62.7140, -2.8170, 16.9138



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



45.6390, -12.1470, 69.5996



50.5610, -17.0386, 98.6090



71.3870, -30.2638, 47.0186



59.2070, -0.5951, 4.2035



39.6400, -13.6265, 77.4917



0.0000, 0.0000, 0.0000

Inverse Universe

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



45.6390, -12.1470, 69.5996



50.5610, -17.0386, 98.6090



63.6130, 30.2638, -47.0186



59.2070, -0.5951, 4.2035



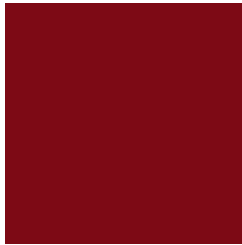
39.6400, -13.6265, 77.4917



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 45.6390, -12.1470, 69.5996 looks on a white background.

Color Contrast Check

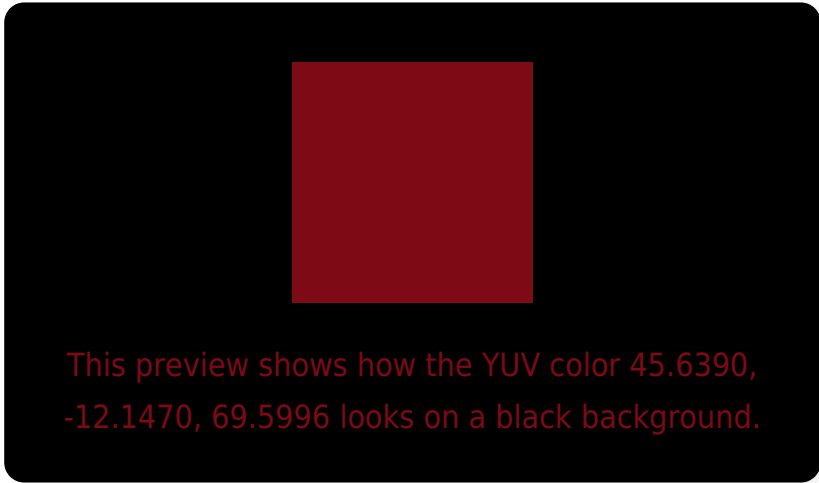
Large Text (above 18pt) WCAG AA ✓ Pass

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

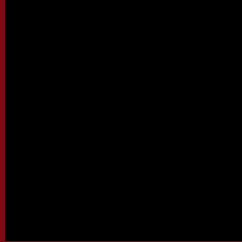
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.6390, -12.1470, 69.5996

Background



This preview shows how black text looks on a background with the YUV color 45.6390, -12.1470, 69.5996.



This preview shows how white text looks on a background with the YUV color 45.6390, -12.1470,

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

45.6390, -12.1470, 69.5996

Protanopia

62.2600, -14.4252, 6.7880

Deuteranopia

60.0520, -25.6616, 17.4944



Tritanopia

45.9180, -18.6936, 69.3549

Trichromacy



Original Color

45.6390, -12.1470, 69.5996

Protanomaly

56.0440, -13.3327, 29.7794

Deuteranomaly

54.8400, -20.6271, 36.0973

Tritanomaly

45.9010, -16.2202, 69.3698

Monochromacy



Original Color

45.6390, -12.1470, 69.5996

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.0140, -4.4439, 25.4207

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.6390, -12.1470, 69.5996 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(125, 10, 21)` looks like.

```
.text, #text, p{  
    color:rgb(125, 10, 21)  
}
```

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(125, 10, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 10, 21) }
```

Border

The CSS property to change the border of an element to YUV 45.6390, -12.1470, 69.5996 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(125, 10, 21) }
```


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

```
.border{ border-color:rgb(125, 10, 21) }
```

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

Here you see how a box with a 4 pixel rgb(125, 10, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 10, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 10, 21);  
box-shadow:4px 4px 4px 4px rgb(125, 10,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 45.6390, -12.1470, 69.5996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 10, 21) }
```

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

```
.background{ background-color: rgb(125, 10,  
21) }
```

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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