

Converting Colors

YUV(60.6740, 17.9087, -4.0991)

Have a look what the booklet for
YUV(60.6740, 17.9087, -4.0991)
contains.

YUV(60.6740, 17.9087, -4.0991)	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(60.6740, 17.9087,
-4.0991)**

Conversions

Conversions Part 1

Format	Color
Hex	383861
RGB	56, 56, 97
RGB Percent	22%, 22%, 38%
CMY	0.7804, 0.7804, 0.6196
CMYK	0.42, 0.42, 0.00, 0.62
HSL	240°, 27%, 30%
HSV	240°, 42%, 38%
XYZ	5.2027, 4.5322, 11.9098
YIQ	60.6740, -13.1610, 12.7510

Conversions

Conversions Part 2

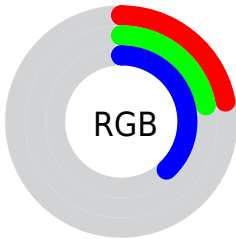
Format	Color
R_YB	56, 56, 97
Decimal	3684449
CIE _{Lab}	25.36, 11.58, -24.34
CIE _{LCh}	25, 26.955, 295.439
Yxy	4.5322, 0.2404, 0.2094
Android (android.graphics.Color)	4281874529 (0xFF383861)
YUV	60.6740, 17.9087, -4.0991
Hunter-Lab	21.2889, 6.3675, -18.2669

Details

The YUV color **60.6740, 17.9087, -4.0991** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **92.3260, -17.9087, 4.0991**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.7280, 19.3611, -3.2695**, and **16.6090, 16.4618, -6.6731** is the 20% darker color. If you saturate the color by 10%, you get **51.8140, 22.2767, -5.0989**, and if you desaturate by 10%, it is **69.5340, 13.5407, -3.0993**.

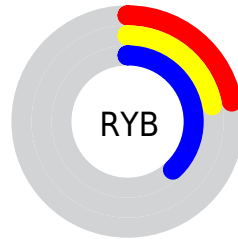
Distribution



Red (22%)

Green (22%)

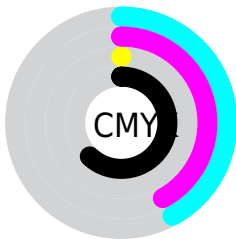
Blue (38%)



Red (22%)

Yellow (22%)

Blue (38%)

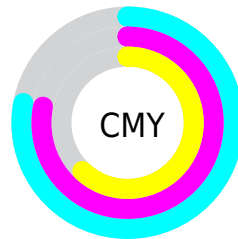


Cyan (42%)

Magenta (42%)

Yellow (0%)

Black (62%)



Cyan (78%)

Magenta (78%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.6740, 17.9087, -4.0991 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 60.6740, 17.9087, -4.0991 by changing the saturation by 10% instead.

■ 60.6740, 17.9087,
-4.0991

■ 60.6740, 17.9087,
-4.0991

■ 255.0000, 0.0000,
0.0000

■ 38.4350, 17.0405,
-5.6435

■ 108.7280, 19.3611,
-3.2695

■ 16.6090, 16.4618,
-6.6731

■ 134.2550, 20.0873,
-2.8546

■ 4.4800, 12.0884,
-3.9290

■ 160.3690, 20.5241,
-2.9546

■ 0.0000, 0.0000,
0.0000

■ 187.7820, 20.8135,
-2.4398

■ 214.5540, 19.9399,
-2.2399

■ 239.6610, 7.5621,

1.1743

■ 60.6740, 17.9087,
-4.0991

■ 60.6740, 17.9087,
-4.0991

■ 51.8140, 22.2767,
-5.0989

■ 69.5340, 13.5407,
-3.0993

■ 43.8400, 26.2079,
-5.9987

■ 77.5080, 9.6096,
-2.1995

■ 34.9800, 30.5759,
-6.9985

■ 86.3680, 5.2416,
-1.1997

■ 26.1200, 34.9438,
-7.9982

■ 95.2280, 0.8736,
-0.2000

■ 17.2600, 39.3118,
-8.9980

■ 103.2020, -3.0576,
0.6998

■ 11.0580, 42.3694,
-9.6979

■ 112.0620, -7.4256,
1.6996

■ 120.9220,
-11.7935, 2.6994

■ 129.7820,
-16.1615, 3.6992

■ 137.7560,
-20.0927, 4.5990

Harmonies

Analogous

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



49.0930, 25.5902, -41.3006



60.6740, 17.9087, -4.0991



62.2700, 10.7129, 17.3032

Triad

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



60.6740, 17.9087, -4.0991



59.0390, -15.7952, 26.2758



47.4740, 4.2033, -41.6347

Complementary

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



60.6740, 17.9087, -4.0991



92.3260, -17.9087, 4.0991

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.



52.6910, -8.2287, -20.7770



60.6740, 17.9087, -4.0991



58.2240, -19.8304, 13.8356

Square

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



60.6740, 17.9087, -4.0991



59.8470, -7.8126, 32.5832



56.1080, -17.3082, -1.8487



49.8680, 13.3761, -43.7342

Rectangle

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



60.6740, 17.9087, -4.0991



61.7290, 4.5706, 27.4247



56.1080, -17.3082, -1.8487



46.6760, 1.1457, -40.9349

Sweetspot

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



60.6740, 17.9087, -4.0991



110.8240, 6.9888, -1.5996



84.7410, 6.0437, -25.2059



55.1400, 4.3680, -0.9998



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



60.6740, 17.9087, -4.0991



68.2960, 27.9551, -6.3986



66.9530, 14.8132, 8.8112



44.4560, 1.7472, -0.3999



12.7680, 48.9214, -11.1975



27.3600, 104.8315, -23.9947

Inverse Universe

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



72.9330, 11.8650, 21.1068



87.4320, 18.5210, 32.9471



86.3460, -14.9606, -8.1964



45.6520, 1.1576, 2.0592



46.2560, 32.4118, 57.6575



99.1200, 69.4538, 123.5518

Previews

White Background



This preview shows how the YUV color 60.6740, 17.9087, -4.0991 looks on a white background.

Color Contrast Check

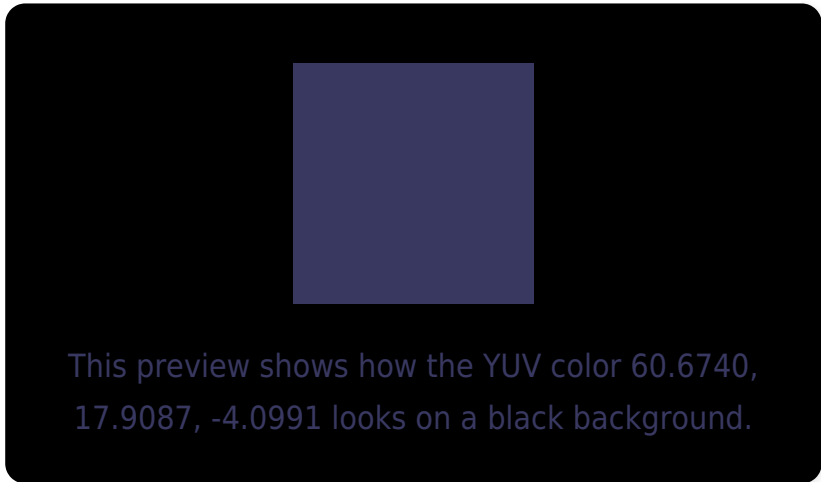
Large Text (above 18pt) WCAG AA ✓ Pass

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

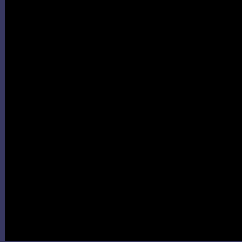
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.6740, 17.9087, -4.0991

Background



This preview shows how black text looks on a background with the YUV color 60.6740, 17.9087, -4.0991.



This preview shows how white text looks on a background with the YUV color 60.6740, 17.9087, -4.0991.

-4.0991.

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

60.6740, 17.9087, -4.0991

Protanopia

59.1890, 20.1198, -13.3208

Deuteranopia

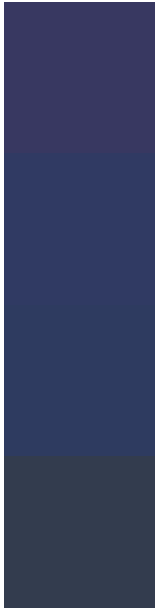
58.1240, 18.6729, -15.8947



Tritanopia

58.3840, 4.2477, -9.1068

Trichromacy



Original Color

60.6740, 17.9087, -4.0991

Protanomaly

59.6840, 19.3828, -10.2469

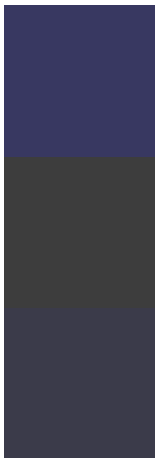
Deuteranomaly

59.3310, 18.0778, -11.6913

Tritanomaly

59.3610, 9.1890, -7.3326

Monochromacy



Original Color

60.6740, 17.9087, -4.0991

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.7100, 6.5520, -1.4997

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.6740, 17.9087, -4.0991 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(56, 56, 97)` looks like.

```
.text, #text, p{  
    color:rgb(56, 56, 97)  
}
```

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(56, 56, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 56, 97) }
```

Border

The CSS property to change the border of an element to YUV 60.6740, 17.9087, -4.0991 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(56, 56, 97) }
```


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

```
.border{ border-color:rgb(56, 56, 97) }
```

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

Here you see how a box with a 4 pixel rgb(56, 56, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 56, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 56, 97);  
box-shadow:4px 4px 4px 4px rgb(56, 56, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.6740, 17.9087, -4.0991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 56, 97) }
```

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

```
.background{ background-color: rgb(56, 56,  
97) }
```

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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