

Converting Colors

YUV(62.9090, 14.8349, 1.8338)

Have a look what the booklet for
YUV(62.9090, 14.8349, 1.8338)
contains.

YUV(62.9090, 14.8349, 1.8338)	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(62.9090, 14.8349,
1.8338)**

Conversions

Conversions Part 1

Format	Color
Hex	41385D
RGB	65, 56, 93
RGB Percent	25%, 22%, 36%
CMY	0.7451, 0.7804, 0.6353
CMYK	0.30, 0.40, 0.00, 0.64
HSL	255°, 25%, 29%
HSV	255°, 40%, 36%
XYZ	5.5699, 4.7425, 10.9777
YIQ	62.9090, -6.5130, 13.4150

Conversions

Conversions Part 2

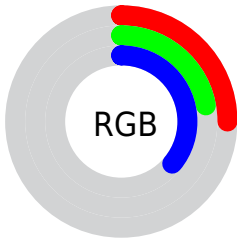
Format	Color
RYB	65, 56, 93
Decimal	4274269
CIELab	25.99, 13.23, -20.69
CIELCh	26, 24.559, 302.589
Yxy	4.7425, 0.2616, 0.2228
Android (android.graphics.Color)	4282464349 (0xFF41385D)
YUV	62.9090, 14.8349, 1.8338
Hunter-Lab	21.7772, 7.5445, -14.6436




Details

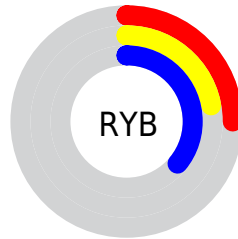
The YUV color **62.9090, 14.8349, 1.8338** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **86.0910, -14.8349, -1.8338**, and the grayscale version is **63.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **110.9630, 16.2872, 2.6634**, and **19.5560, 13.5299, 0.3894** is the 20% darker color. If you saturate the color by 10%, you get **55.5330, 18.4712, 2.1636**, and if you desaturate by 10%, it is **70.2850, 11.1985, 1.5041**.

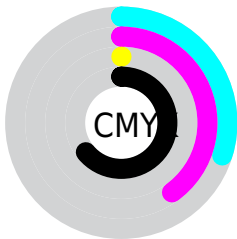
Distribution







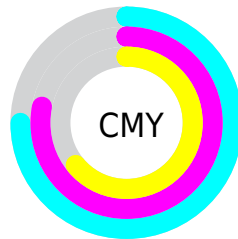
-  Red (25%)
-  Green (22%)
-  Blue (36%)






-  Red (25%)
-  Yellow (22%)
-  Blue (36%)



-  Cyan (30%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (75%)
-  Magenta (78%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.9090, 14.8349, 1.8338 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 62.9090, 14.8349, 1.8338 by changing the saturation by 10% instead.

■ 62.9090, 14.8349,
1.8338

■ 62.9090, 14.8349,
1.8338

■ 255.0000, 0.0000,
0.0000

■ 40.3820, 14.1087,
1.4190

■ 110.9630, 16.2872,
2.6634

■ 19.5560, 13.5299,
0.3894

■ 136.3760, 16.5766,
3.1782

■ 3.5510, 11.0674,
-3.1142

■ 162.4900, 17.0134,
3.0783

■ 0.0000, 0.0000,
0.0000

■ 189.9030, 17.3028,
3.5931

■ 217.4300, 18.0290,
4.0079

■ 242.9390, 5.9461,

6.1925

■ 62.9090, 14.8349,
1.8338

■ 62.9090, 14.8349,
1.8338

■ 55.5330, 18.4712,
2.1636

■ 70.2850, 11.1985,
1.5041

■ 47.5700, 22.3970,
3.0081

■ 78.2480, 7.2727,
0.6595

■ 40.1940, 26.0334,
3.3379

■ 85.6240, 3.6364,
0.3298

■ 32.8180, 29.6697,
3.6676

■ 93.0000, 0.0000,
0.0000

■ 25.4420, 33.3061,
3.9974

■ 100.9630, -3.9258,
-0.8446

■ 17.4790, 37.2319,
4.8419

■ 108.3390, -7.5621,
-1.1743

■ 115.7150,
-11.1985, -1.5041

■ 123.0910,
-14.8349, -1.8338

■ 131.0540,
-18.7606, -2.6784

Harmonies

Analogous

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



57.8350, 20.2943, -22.6573



62.9090, 14.8349, 1.8338



63.4830, 7.6499, 19.7474

Triad

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



62.9090, 14.8349, 1.8338



60.7180, -15.6370, 22.1723



48.8590, 6.9715, -42.8493

Complementary

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



62.9090, 14.8349, 1.8338



86.0910, -14.8349, -1.8338

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.



54.1790, -5.0182, -23.8360



62.9090, 14.8349, 1.8338



59.6580, -18.0724, 9.9469

Square

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



62.9090, 14.8349, 1.8338



61.3690, -9.5489, 29.4944



57.5960, -14.0978, -4.9077



50.9110, 14.8339, -44.6489

Rectangle

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



62.9090, 14.8349, 1.8338



62.7460, 2.0972, 27.4098



57.5960, -14.0978, -4.9077



48.0610, 3.9139, -42.1495

Sweetspot

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



62.9090, 14.8349, 1.8338



107.9060, 5.9623, 0.9594



76.6540, 8.0586, -18.1136



54.5100, 3.1996, 0.4297



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



62.9090, 14.8349, 1.8338



72.7980, 23.2706, 2.8082



68.2910, 12.1815, 12.8998



41.8690, 2.0366, 0.1149



20.6130, 44.0678, 5.6014



44.3600, 94.9715, 11.9623

Inverse Universe

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



70.2550, 6.7763, 19.9474



84.3580, 10.6695, 31.2580



80.7090, -12.1815, -12.8998



42.9510, 1.0102, 2.6740



42.3520, 20.0395, 59.3273



91.2690, 43.2514, 127.8061

Previews

White Background



This preview shows how the YUV color 62.9090, 14.8349, 1.8338 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 62.9090, 14.8349, 1.8338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

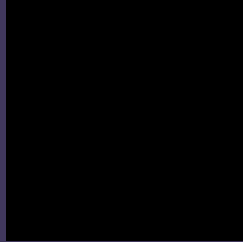
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.9090, 14.8349, 1.8338

Background



This preview shows how black text looks on a background with the YUV color 62.9090, 14.8349, 1.8338.



This preview shows how white text looks on a background with the YUV color 62.9090, 14.8349,

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

62.9090, 14.8349, 1.8338

Protanopia

60.6300, 17.9304, -11.0765

Deuteranopia

60.6470, 15.4570, -11.0914



Tritanopia

61.9720, 2.4788, -1.7294

Trichromacy



Original Color

62.9090, 14.8349, 1.8338

Protanomaly

61.7230, 16.8986, -6.7731

Deuteranomaly

61.2670, 15.1514, -6.3732

Tritanomaly

62.4220, 6.6940, -0.3701

Monochromacy



Original Color

62.9090, 14.8349, 1.8338

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7920, 5.5255, 1.0594

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.9090, 14.8349, 1.8338 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(65, 56, 93)` looks like.

```
.text, #text, p{  
    color:rgb(65, 56, 93)  
}
```

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(65, 56, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 56, 93) }
```

Border

The CSS property to change the border of an element to YUV 62.9090, 14.8349, 1.8338 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(65, 56, 93) }
```


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

```
.border{ border-color:rgb(65, 56, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 56, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 56, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 56, 93);  
box-shadow:4px 4px 4px 4px rgb(65, 56, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.9090, 14.8349, 1.8338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 56, 93) }
```

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

```
.background{ background-color: rgb(65, 56,  
93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor