

Converting Colors

YUV(90.7860, 28.2065, 6.3267)

Have a look what the booklet for
YUV(90.7860, 28.2065, 6.3267)
contains.

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Color

**YUV(90.7860, 28.2065,
6.3267)**

Conversions

Conversions Part 1

Format	Color
Hex	624C94
RGB	98, 76, 148
RGB Percent	38%, 30%, 58%
CMY	0.6157, 0.7020, 0.4196
CMYK	0.34, 0.49, 0.00, 0.42
HSL	258°, 32%, 44%
HSV	258°, 49%, 58%
XYZ	12.9667, 9.9037, 29.2452
YIQ	90.7860, -10.0000, 27.0560

Conversions

Conversions Part 2

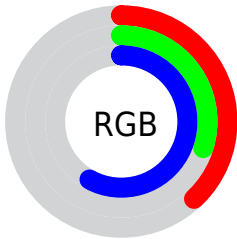
Format	Color
R_{YB}	98, 76, 148
Decimal	6442132
CIE _{Lab}	37.67, 26.06, -36.51
CIE _{LCh}	38, 44.857, 305.523
Yxy	9.9037, 0.2488, 0.1900
Android (android.graphics.Color)	4284632212 (0xFF624C94)
YUV	90.7860, 28.2065, 6.3267
Hunter-Lab	31.4701, 18.4753, -33.0691

Details

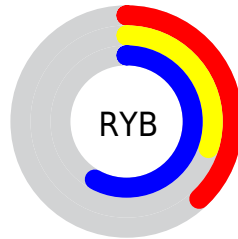
The YUV color **90.7860, 28.2065, 6.3267** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **133.2140, -28.2065, -6.3267**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.6660, 30.2377, 8.1859**, and **43.3080, 26.4702, 3.2379** is the 20% darker color. If you saturate the color by 10%, you get **78.9910, 34.0214, 7.9009**, and if you desaturate by 10%, it is **102.5810, 22.3916, 4.7525**.

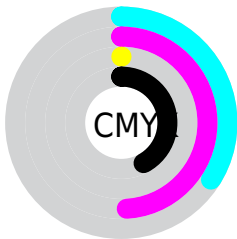
Distribution



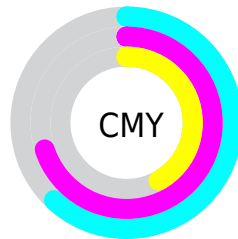
- Red (38%)
- Green (30%)
- Blue (58%)



- Red (38%)
- Yellow (30%)
- Blue (58%)



- Cyan (34%)
- Magenta (49%)
- Yellow (0%)
- Black (42%)



- Cyan (62%)
- Magenta (70%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.7860, 28.2065, 6.3267 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 90.7860, 28.2065, 6.3267 by changing the saturation by 10% instead.

90.7860, 28.2065,
6.3267

90.7860, 28.2065,
6.3267

255.0000, 0.0000,
0.0000

66.5470, 27.3383,
4.7823

141.6660, 30.2377,
8.1859

43.3080, 26.4702,
3.2379

168.1930, 30.9639,
8.6007

20.3570, 25.4600,
0.5639

195.1500, 29.5061,
9.5155

5.7000, 21.8399,
-4.9989

220.2570, 17.1283,
12.9296

3.7790, 11.9410,
-3.3142

242.6730, 6.0772,
10.8108

0.0000, 0.0000,
0.0000

90.7860, 28.2065,
6.3267

90.7860, 28.2065,
6.3267

78.9910, 34.0214,
7.9009

102.5810, 22.3916,
4.7525

66.8970, 39.9838,
8.8603

114.6750, 16.4292,
3.7930

55.6890, 45.5093,
9.9197

125.8830, 10.9037,
2.7336

43.8940, 51.3243,
11.4940

137.6780, 5.0887,
1.1594

32.0990, 57.1392,
13.0682

149.4730, -0.7262,
-0.4148

30.3270, 58.0128,
12.8682

161.5670, -6.6885,
-1.3743

173.3620,
-12.5035, -2.9485

184.5700,

-18.0290, -4.0079

 196.6640,
-23.9914, -4.9673

Harmonies

Analogous

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



71.7710, 43.9899, -62.9432



90.7860, 28.2065, 6.3267



89.7490, 14.4207, 41.4391

Triad

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



90.7860, 28.2065, 6.3267



85.6480, -32.8575, 38.8967



73.0520, 10.8204, -64.0666

Complementary

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



90.7860, 28.2065, 6.3267



133.2140, -28.2065, -6.3267

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.



67.5460, -5.1992, -59.2378



90.7860, 28.2065, 6.3267



82.3710, -39.6229, 15.4606

Square

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



90.7860, 28.2065, 6.3267



85.3570, -17.9240, 55.8149



78.9850, -27.6006, -14.0188



76.4550, 26.3977, -67.0510

Rectangle

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



90.7860, 28.2065, 6.3267



86.9050, 4.4838, 55.3343



78.9850, -27.6006, -14.0188



70.9830, 5.4314, -62.2521

Sweetspot

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



90.7860, 28.2065, 6.3267



168.5840, 11.0511, 2.1188



113.5580, 16.9799, -32.9384



82.8460, 6.9779, 1.8891



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



90.7860, 28.2065, 6.3267



102.8200, 43.4727, 9.8049



101.5500, 22.8999, 28.4587



68.3960, 2.7628, 0.5297



28.2900, 54.0870, 12.0237



2.0370, 3.9258, 0.8446

Inverse Universe

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



103.2280, 11.2266, 39.2650



121.9670, 17.2713, 60.5419



122.4500, -22.8998, -28.4586



69.6630, 1.1521, 3.8035



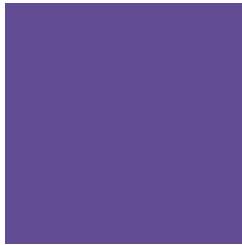
52.2060, 21.5904, 75.2413



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 90.7860, 28.2065, 6.3267 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 90.7860, 28.2065, 6.3267 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 90.7860, 28.2065, 6.3267

Background



This preview shows how black text looks on a background with the YUV color 90.7860, 28.2065, 6.3267.



This preview shows how white text looks on a background with the YUV color 90.7860, 28.2065,

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

90.7860, 28.2065, 6.3267

Protanopia

84.9390, 36.0191, -26.2565

Deuteranopia

84.9190, 29.6199, -27.1160



Tritanopia

88.4990, 3.2050, -1.3146

Trichromacy



Original Color

90.7860, 28.2065, 6.3267

Protanomaly

86.9190, 33.0709, -13.9610

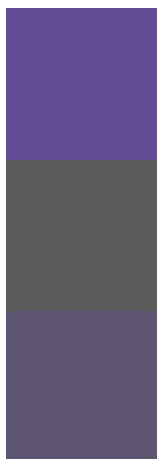
Deuteranomaly

86.8820, 29.1452, -14.8055

Tritanomaly

89.5130, 12.0721, 1.3041

Monochromacy



Original Color

90.7860, 28.2065, 6.3267

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.3560, 10.1775, 2.3188

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.7860, 28.2065, 6.3267 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(98, 76, 148)` looks like.

```
.text, #text, p{  
    color:rgb(98, 76, 148)  
}
```

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(98, 76, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 76, 148) }
```

Border

The CSS property to change the border of an element to YUV 90.7860, 28.2065, 6.3267 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(98, 76, 148) }
```


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

```
.border{ border-color:rgb(98, 76, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 76, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 76, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 76, 148);  
box-shadow:4px 4px 4px 4px rgb(98, 76,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 90.7860, 28.2065, 6.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 76, 148) }
```

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

```
.background{ background-color: rgb(98, 76,  
148) }
```

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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