

Converting Colors

YUV(78.7990, 35.1021,
-12.1017)

Have a look what the booklet for
YUV(78.7990, 35.1021, -12.1017)
contains.

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Color

**YUV(78.7990, 35.1021,
-12.1017)**

Conversions

Conversions Part 1

Format	Color
Hex	414896
RGB	65, 72, 150
RGB Percent	25%, 28%, 59%
CMY	0.7451, 0.7176, 0.4118
CMYK	0.57, 0.52, 0.00, 0.41
HSL	235°, 40%, 42%
HSV	235°, 57%, 59%
XYZ	10.0024, 7.9606, 29.8635
YIQ	78.7990, -29.2100, 22.7740

Conversions

Conversions Part 2

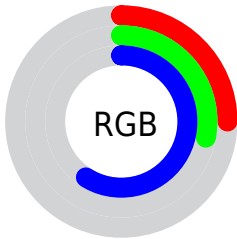
Format	Color
R_{YB}	65, 71, 150
Decimal	4278422
CIE _{Lab}	33.90, 20.97, -43.91
CIE _{LCh}	34, 48.660, 295.531
Yxy	7.9606, 0.2091, 0.1664
Android (android.graphics.Color)	4282468502 (0xFF414896)
YUV	78.7990, 35.1021, -12.1017
Hunter-Lab	28.2145, 13.9051, -43.0052

Details

The YUV color **78.7990, 35.1021, -12.1017** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **136.2010, -35.1021, 12.1017**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.6900, 37.1278, -8.4981**, and **28.1950, 34.4139, -24.7270** is the 20% darker color. If you saturate the color by 10%, you get **66.0960, 41.3647, -14.1162**, and if you desaturate by 10%, it is **91.5020, 28.8395, -10.0873**.

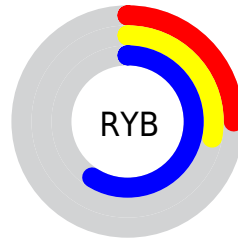
Distribution



Red (25%)

Green (28%)

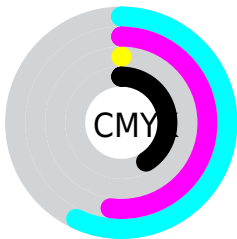
Blue (59%)



Red (25%)

Yellow (28%)

Blue (59%)

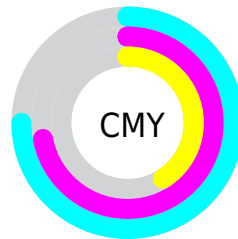


Cyan (57%)

Magenta (52%)

Yellow (0%)

Black (41%)



Cyan (75%)

Magenta (72%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.7990, 35.1021, -12.1017 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 78.7990, 35.1021, -12.1017 by changing the saturation by 10% instead.

■ 78.7990, 35.1021,
-12.1017

■ 78.7990, 35.1021,
-12.1017

■ 255.0000, 0.0000,
0.0000

■ 54.2500, 34.3867,
-16.0053

■ 129.6900, 37.1278,
-8.4981

■ 28.1950, 34.4139,
-24.7270

■ 156.2170, 37.8540,
-8.0833

■ 11.9580, 30.5867,
-10.4872

■ 182.9460, 35.5226,
-6.9686

■ 8.1620, 21.1191,
-7.1581

■ 207.4660, 23.4343,
-3.0397

■ 4.4800, 12.0884,
-3.9290

■ 232.5730, 11.0565,
0.3745

■ 0.0000, 0.0000,
0.0000

■ 78.7990, 35.1021,
-12.1017

■ 78.7990, 35.1021,
-12.1017

■ 66.0960, 41.3647,
-14.1162

■ 91.5020, 28.8395,
-10.0873

■ 53.3930, 47.6273,
-16.1307

■ 104.2050, 22.5769,
-8.0728

■ 41.2770, 53.6004,
-18.6599

■ 116.3210, 16.6037,
-5.5435

■ 28.5740, 59.8630,
-20.6744

■ 129.0240, 10.3412,
-3.5290

■ 24.1440, 62.0470,
-21.1743

■ 141.7270, 4.0786,
-1.5146

■ 154.4300, -2.1840,
0.4999

■ 166.5460, -8.1572,
3.0292

■ 179.2490,

-14.4198, 5.0436

■ 191.9520,
-20.6823, 7.0581

Harmonies

Analogous

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



68.3800, 43.6897, -59.9693



78.7990, 35.1021, -12.1017



81.1270, 21.1364, 34.0916

Triad

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



78.7990, 35.1021, -12.1017



75.4580, -31.2848, 47.8333



65.2610, 3.8153, -57.2339

Complementary

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



78.7990, 35.1021, -12.1017



136.2010, -35.1021, 12.1017

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.



58.9400, -12.7884, -51.6904



78.7990, 35.1021, -12.1017



75.1100, -37.0292, 23.5825

Square

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



78.7990, 35.1021, -12.1017



73.8940, -12.2727, 63.2370



70.5040, -34.7585, -4.8270



69.7070, 20.8504, -61.1330

Rectangle

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



78.7990, 35.1021, -12.1017



77.0280, 11.3252, 54.3494



70.5040, -34.7585, -4.8270



63.0780, -2.0105, -55.3194

Sweetspot

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



78.7990, 35.1021, -12.1017



166.5230, 13.5462, -4.8437



123.7870, 9.4720, -51.5562



80.7530, 8.0098, -2.4144



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.



78.7990, 35.1021, -12.1017



83.5050, 54.4740, -18.8599



85.1550, 31.9686, 13.0191



67.7980, 3.0576, -0.6998



22.1890, 57.0948, -19.4598



1.7270, 4.0786, -1.5146

Inverse Universe

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



91.2130, -9.4720, 51.5562



102.7220, -14.6529, 80.0508



129.8450, -31.9686, -13.0191



69.0930, -1.0318, 4.3034



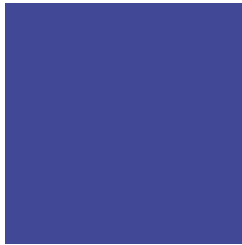
42.5160, -15.5374, 83.7395



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 78.7990, 35.1021, -12.1017 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 78.7990, 35.1021, -12.1017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

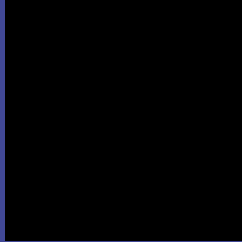
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.7990, 35.1021, -12.1017

Background



This preview shows how black text looks on a background with the YUV color 78.7990, 35.1021, -12.1017.



This preview shows how white text looks on a background with the YUV color 78.7990, 35.1021, -12.1017.

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

78.7990, 35.1021, -12.1017

Protanopia

72.4370, 40.7036, -35.4632

Deuteranopia

63.8490, 39.0214, -55.9956



Tritanopia

73.9410, 9.3961, -27.1353

Trichromacy



Original Color

78.7990, 35.1021, -12.1017

Protanomaly

74.6230, 38.6399, -26.8564

Deuteranomaly

69.6060, 37.6622, -39.9965

Tritanomaly

75.7920, 18.8365, -21.7426

Monochromacy



Original Color

78.7990, 35.1021, -12.1017

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.7080, 12.9620, -4.1289

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.7990, 35.1021, -12.1017 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, 72, 150)` looks like.

```
.text, #text, p{  
    color:rgb(65, 72, 150)  
}
```

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, 72, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 72, 150) }
```

Border

The CSS property to change the border of an element to YUV 78.7990, 35.1021, -12.1017 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, 72, 150) }
```


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

```
.border{ border-color:rgb(65, 72, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 72, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 72, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 72, 150);  
box-shadow:4px 4px 4px 4px rgb(65, 72,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 78.7990, 35.1021, -12.1017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 72, 150) }
```

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

```
.background{ background-color: rgb(65, 72,  
150) }
```

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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