

Converting Colors

YUV(35.2260, 24.0456,
-12.4762)

Have a look what the booklet for
YUV(35.2260, 24.0456, -12.4762)
contains.

YUV(35.2260, 24.0456, -12.4762)	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(35.2260, 24.0456,
-12.4762)**

Conversions

Conversions Part 1

Format	Color
Hex	152154
RGB	21, 33, 84
RGB Percent	8%, 13%, 33%
CMY	0.9176, 0.8706, 0.6706
CMYK	0.75, 0.61, 0.00, 0.67
HSL	229°, 60%, 21%
HSV	229°, 75%, 33%
XYZ	2.4533, 1.8872, 8.6225
YIQ	35.2260, -23.5230, 13.3170

Conversions

Conversions Part 2

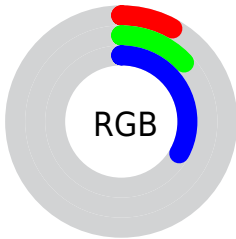
Format	Color
R_{YB}	21, 31, 84
Decimal	1384788
CIE _{Lab}	14.88, 14.65, -32.64
CIE _{LCh}	15, 35.773, 294.168
Yxy	1.8872, 0.1893, 0.1456
Android (android.graphics.Color)	4279574868 (0xFF152154)
YUV	35.2260, 24.0456, -12.4762
Hunter-Lab	13.7377, 7.8366, -27.5971

Details

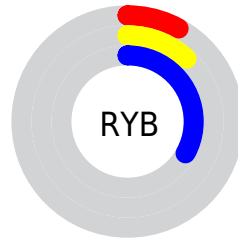
The YUV color **35.2260, 24.0456, -12.4762** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **69.7740, -24.0456, 12.4762**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.3020, 25.4871, -8.1579**, and **6.0930, 15.7302, -5.3436** is the 20% darker color. If you saturate the color by 10%, you get **28.7250, 27.2506, -13.7908**, and if you desaturate by 10%, it is **41.7270, 20.8406, -11.1616**.

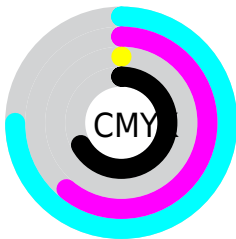
Distribution



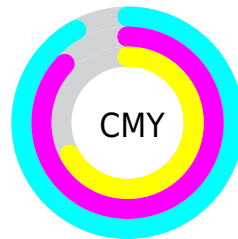
- Red (8%)
- Green (13%)
- Blue (33%)



- Red (8%)
- Yellow (12%)
- Blue (33%)



- Cyan (75%)
- Magenta (61%)
- Yellow (0%)
- Black (67%)



- Cyan (92%)
- Magenta (87%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.2260, 24.0456, -12.4762 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 35.2260, 24.0456, -12.4762 by changing the saturation by 10% instead.

■ 35.2260, 24.0456,
-12.4762

■ 35.2260, 24.0456,
-12.4762

■ 255.0000, 0.0000,
0.0000

■ 13.8840, 22.7352,
-12.1763

■ 82.3020, 25.4871,
-8.1579

■ 6.0930, 15.7302,
-5.3436

■ 107.2420, 26.5027,
-7.2282

■ 2.2970, 6.2626,
-2.0145

■ 132.7690, 27.2289,
-6.8134

■ 0.0000, 0.0000,
0.0000

■ 158.7090, 28.2445,
-5.8838

■ 186.1220, 28.5339,
-5.3690

■ 212.1840, 21.1083,

-3.6694

■ 236.9920, 8.8779,
-0.8700

■ 35.2260, 24.0456,
-12.4762

■ 35.2260, 24.0456,
-12.4762

■ 28.7250, 27.2506,
-13.7908

■ 41.7270, 20.8406,
-11.1616

■ 21.9250, 30.6030,
-15.7202

■ 48.5270, 17.4882,
-9.2322

■ 18.9680, 32.0608,
-16.6349

■ 54.4410, 14.5726,
-7.4028

■ 61.2410, 11.2202,
-5.4734

■ 67.7420, 8.0152,
-4.1587

■ 74.2430, 4.8102,
-2.8441

■ 81.0430, 1.4578,
-0.9147

■ 86.9570, -1.4578,
0.9147

■ 93.7570, -4.8102,
2.8441

Harmonies

Analogous

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



34.6860, 26.2838, -30.4196



35.2260, 24.0456, -12.4762



37.3290, 14.6278, 21.6365

Triad

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



35.2260, 24.0456, -12.4762



34.4310, -16.9745, 31.1940



31.8240, 0.0868, -27.9096

Complementary

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



35.2260, 24.0456, -12.4762



69.7740, -24.0456, 12.4762

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.



27.0020, -13.3120, -23.6808



35.2260, 24.0456, -12.4762



36.0930, -17.7938, 13.9504

Square

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



35.2260, 24.0456, -12.4762



30.0810, -5.9559, 43.7790



33.3250, -16.4292, -3.7930



34.6740, 11.0067, -30.4091

Rectangle

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



35.2260, 24.0456, -12.4762



32.4620, 9.6322, 37.3058



33.3250, -16.4292, -3.7930



30.2110, -3.5550, -26.4950

Sweetspot

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



35.2260, 24.0456, -12.4762



89.8990, 9.9098, -5.1734



63.6810, 3.6083, -37.4312



43.5850, 6.1206, -3.1440



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



35.2260, 24.0456, -12.4762



33.4390, 37.7446, -19.6790



33.8630, 24.7175, 5.3821



37.4560, 1.7472, -0.3999



23.7100, 40.0760, -20.7937



52.2760, 88.6039, -45.8461

Inverse Universe

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



41.2050, -4.0451, 37.5312



42.7670, -6.2941, 58.9633



71.1370, -24.7175, -5.3821



38.1960, -0.5896, 2.4591



33.6750, -6.7418, 62.5520



74.3840, -14.9793, 138.2292

Previews

White Background



This preview shows how the YUV color 35.2260, 24.0456, -12.4762 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 35.2260, 24.0456, -12.4762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

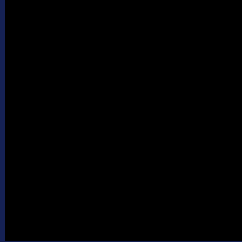
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.2260, 24.0456, -12.4762

Background



This preview shows how black text looks on a background with the YUV color 35.2260, 24.0456, -12.4762.



This preview shows how white text looks on a background with the YUV color 35.2260, 24.0456, -12.4762.

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

35.2260, 24.0456, -12.4762

Protanopia

29.9100, 23.2154, -26.2311

Deuteranopia

30.4170, 17.5424, -26.6757



Tritanopia

29.7840, 7.5015, -26.1206

Trichromacy



Original Color

35.2260, 24.0456, -12.4762

Protanomaly

32.0570, 23.6359, -21.0980

Deuteranomaly

32.4330, 19.9995, -21.4277

Tritanomaly

32.0110, 13.3056, -21.0576

Monochromacy



Original Color

35.2260, 24.0456, -12.4762

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.9700, 8.8888, -4.3587

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.2260, 24.0456, -12.4762 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(21, 33, 84)` looks like.

```
.text, #text, p{  
    color:rgb(21, 33, 84)  
}
```

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(21, 33, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 33, 84) }
```

Border

The CSS property to change the border of an element to YUV 35.2260, 24.0456, -12.4762 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(21, 33, 84) }
```


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

```
.border{ border-color:rgb(21, 33, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 33, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 33, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 33, 84);  
box-shadow:4px 4px 4px 4px rgb(21, 33, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.2260, 24.0456, -12.4762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 33, 84) }
```

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

```
.background{ background-color: rgb(21, 33,  
84) }
```

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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