

Converting Colors

YUV(89.2820, 12.1860,
-35.3273)

Have a look what the booklet for
YUV(89.2820, 12.1860, -35.3273)
contains.

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Color

**YUV(89.2820, 12.1860,
-35.3273)**

Conversions

Conversions Part 1

Format	Color
Hex	316972
RGB	49, 105, 114
RGB Percent	19%, 41%, 45%
CMY	0.8078, 0.5882, 0.5529
CMYK	0.57, 0.08, 0.00, 0.55
HSL	188°, 40%, 32%
HSV	188°, 57%, 45%
XYZ	9.3555, 11.9710, 17.7371
YIQ	89.2820, -36.2650, -9.0730

Conversions

Conversions Part 2

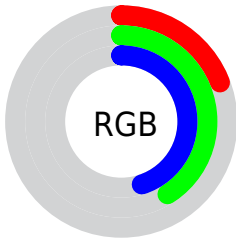
Format	Color
RYB	49, 79, 114
Decimal	3238258
CIELab	41.17, -15.56, -10.66
CIElCh	41, 18.865, 214.407
Yxy	11.9710, 0.2395, 0.3064
Android (android.graphics.Color)	4281428338 (0xFF316972)
YUV	89.2820, 12.1860, -35.3273
Hunter-Lab	34.5992, -12.2829, -6.1754

Details

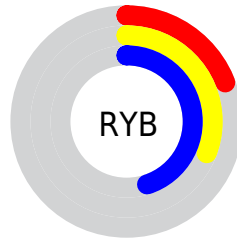
The YUV color **89.2820, 12.1860, -35.3273** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **73.7180, -12.1860, 35.3273**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.6950, 12.4754, -34.8125**, and **41.5700, 12.0440, -36.4569** is the 20% darker color. If you saturate the color by 10%, you get **84.8190, 14.3862, -41.0603**, and if you desaturate by 10%, it is **93.7450, 9.9857, -29.5944**.

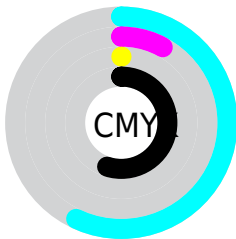
Distribution



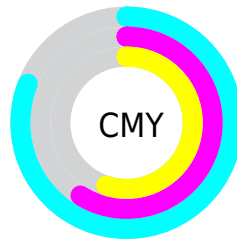
- Red (19%)
- Green (41%)
- Blue (45%)



- Red (19%)
- Yellow (31%)
- Blue (45%)



- Cyan (57%)
- Magenta (8%)
- Yellow (0%)
- Black (55%)



- Cyan (81%)
- Magenta (59%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.2820, 12.1860, -35.3273 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 89.2820, 12.1860, -35.3273 by changing the saturation by 10% instead.

89.2820, 12.1860,
-35.3273

89.2820, 12.1860,
-35.3273

255.0000, 0.0000,
0.0000

63.6730, 12.4862,
-38.3012

140.6950, 12.4754,
-34.8125

41.5700, 12.0440,
-36.4569

167.6950, 12.4754,
-34.8125

26.1480, 8.8010,
-22.9318

195.3960, 12.6228,
-35.4273

8.0190, 7.8786,
-7.0327

223.3960, 12.6228,
-35.4273

0.0000, 0.0000,
0.0000

241.8440, 6.4859,
-27.0502

250.5150, 2.2111,

-9.2217

■ 89.2820, 12.1860,
-35.3273

■ 89.2820, 12.1860,
-35.3273

■ 84.8190, 14.3862,
-41.0603

■ 93.7450, 9.9857,
-29.5944

■ 80.6440, 16.4445,
-47.9228

■ 97.9200, 7.9274,
-22.7318

■ 76.1810, 18.6448,
-53.6557

■ 102.3830, 5.7272,
-16.9989

■ 72.0060, 20.7030,
-60.5183

■ 106.5580, 3.6689,
-10.1364

■ 70.5220, 21.4347,
-61.8478

■ 111.0210, 1.4686,
-4.4034

■ 114.8970, -0.4422,
1.8443

■ 119.6590, -2.7899,
8.1921

■ 124.1220, -4.9901,
13.9250

■ 128.2970, -7.0484,
20.7875

Harmonies

Analogous

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



89.9530, 4.4602, -30.6538



89.2820, 12.1860, -35.3273



92.0640, 16.2374, -28.1201

Triad

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



89.2820, 12.1860, -35.3273



99.8910, 5.4767, 16.7586



96.1570, -14.8674, 8.6323

Complementary

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



89.2820, 12.1860, -35.3273



73.7180, -12.1860, 35.3273

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.



97.5650, -13.5895, 18.7985



89.2820, 12.1860, -35.3273



99.2850, -2.1125, 24.3061

Square

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



89.2820, 12.1860, -35.3273



98.5240, 12.0667, 3.0485



98.1620, -8.9539, 25.2909



93.9920, -11.3351, -4.3780

Rectangle

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



89.2820, 12.1860, -35.3273



94.5320, 16.4997, -18.8836



98.1620, -8.9539, 25.2909



96.4780, -15.0257, 12.7358

Sweetspot

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



89.2820, 12.1860, -35.3273



138.1770, 4.8427, -13.3102



88.1810, -14.8792, -34.3617



68.3410, 2.7899, -8.1921



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



89.2820, 12.1860, -35.3273



109.5830, 18.9396, -54.8853



70.4980, 21.4465, -18.8537



53.6190, 1.1738, -3.1739



74.1410, 22.6085, -65.0217



153.1890, 46.2488, -134.3468

Inverse Universe

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



74.8190, 14.8792, 34.3617



87.1170, 23.1133, 53.3944



92.5020, -21.4465, 18.8537



52.3640, 1.2995, 3.1888



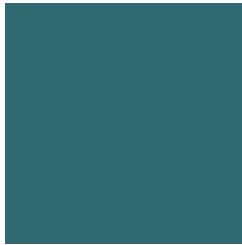
47.6220, 27.3014, 63.4755



98.1350, 56.6284, 130.5546

Previews

White Background



This preview shows how the YUV color 89.2820, 12.1860, -35.3273 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 × Fail

Black Background



This preview shows how the YUV color 89.2820, 12.1860, -35.3273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

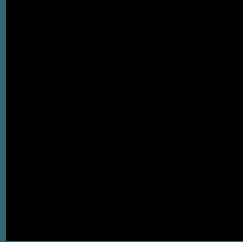
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.2820, 12.1860, -35.3273

Background



This preview shows how black text looks on a background with the YUV color 89.2820, 12.1860, -35.3273.



This preview shows how white text looks on a background with the YUV color 89.2820, 12.1860,

-35.3273.

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

89.2820, 12.1860, -35.3273

Protanopia

97.0690, 5.3890, -1.8145

Deuteranopia

97.6930, 9.0254, -1.4848



Tritanopia

89.2820, 12.1860, -35.3273

Trichromacy



Original Color

89.2820, 12.1860, -35.3273

Protanomaly

93.9750, 7.9003, -14.0101

Deuteranomaly

94.8440, 9.9369, -13.8952

Tritanomaly

89.2820, 12.1860, -35.3273

Monochromacy



Original Color

89.2820, 12.1860, -35.3273

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0630, 4.4059, -13.2103

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.2820, 12.1860, -35.3273 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(49, 105, 114)` looks like.

```
.text, #text, p{  
    color:rgb(49, 105, 114)  
}
```

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(49, 105, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 105, 114) }
```

Border

The CSS property to change the border of an element to YUV 89.2820, 12.1860, -35.3273 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(49, 105, 114) }
```


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

```
.border{ border-color:rgb(49, 105, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 105, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 105, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 105, 114);  
box-shadow:4px 4px 4px 4px rgb(49, 105,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 89.2820, 12.1860, -35.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 105, 114) }
```

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

```
.background{ background-color: rgb(49, 105,  
114) }
```

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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