

Converting Colors

YUV(90.3290, 14.6278, 21.6365)

Have a look what the booklet for
YUV(90.3290, 14.6278, 21.6365)
contains.

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Color

**YUV(90.3290, 14.6278,
21.6365)**

Conversions

Conversions Part 1

Format	Color
Hex	734878
RGB	115, 72, 120
RGB Percent	45%, 28%, 47%
CMY	0.5490, 0.7176, 0.5294
CMYK	0.04, 0.40, 0.00, 0.53
HSL	294°, 25%, 38%
HSV	294°, 40%, 47%
XYZ	12.7778, 9.6356, 18.9557
YIQ	90.3290, 10.2200, 24.0440

Conversions

Conversions Part 2

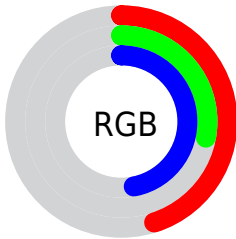
Format	Color
R_{YB}	115, 72, 120
Decimal	7555192
CIE _{Lab}	37.18, 26.91, -19.98
CIE _{LCh}	37, 33.522, 323.404
Yxy	9.6356, 0.3089, 0.2329
Android (android.graphics.Color)	4285745272 (0xFF734878)
YUV	90.3290, 14.6278, 21.6365
Hunter-Lab	31.0413, 19.1549, -14.4771

Details

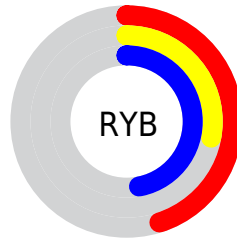
The YUV color **90.3290, 14.6278, 21.6365** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **101.6710, -14.6278, -21.6365**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.4540, 15.0592, 23.2808**, and **43.0900, 13.7596, 20.0921** is the 20% darker color. If you saturate the color by 10%, you get **82.9860, 18.2479, 27.1993**, and if you desaturate by 10%, it is **97.6720, 11.0077, 16.0737**.

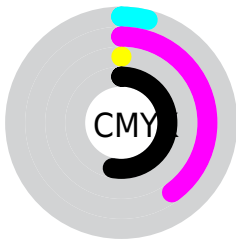
Distribution



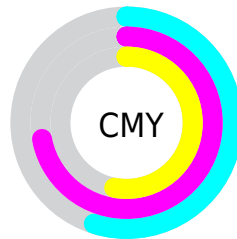
- Red (45%)
- Green (28%)
- Blue (47%)



- Red (45%)
- Yellow (28%)
- Blue (47%)



- Cyan (4%)
- Magenta (40%)
- Yellow (0%)
- Black (53%)



- Cyan (55%)
- Magenta (72%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.3290, 14.6278, 21.6365 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 90.3290, 14.6278, 21.6365 by changing the saturation by 10% instead.

90.3290, 14.6278,
21.6365

90.3290, 14.6278,
21.6365

255.0000, 0.0000,
0.0000

66.5030, 14.0490,
20.6069

141.4540, 15.0592,
23.2808

43.0900, 13.7596,
20.0921

167.9810, 15.7854,
23.6957

20.4920, 14.0544,
18.8625

195.1060, 16.2167,
25.3400

8.8730, 9.4296,
8.8814

222.9920, 15.7799,
25.4400

0.0000, 0.0000,
0.0000

240.3250, 7.2348,
12.8700

90.3290, 14.6278,
21.6365

90.3290, 14.6278,
21.6365

82.9860, 18.2479,
27.1993

97.6720, 11.0077,
16.0737

75.3440, 22.0154,
32.1473

105.0150, 7.3876,
10.5108

68.0010, 25.6355,
37.7101

112.6570, 3.6201,
5.5628

60.6580, 29.2556,
43.2729

120.0000, 0.0000,
0.0000

53.3150, 32.8757,
48.8357

127.3430, -3.6201,
-5.5628


45.6730, 36.6432,
53.7838

134.9850, -7.3876,
-10.5108

142.3280,
-11.0077, -16.0737

149.6710,

-14.6278, -21.6365

 157.0140,
-18.2479, -27.1993

Harmonies

Analogous

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



87.9600, 24.1767, -7.8579



90.3290, 14.6278, 21.6365



89.0510, 2.9329, 39.4203

Triad

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



90.3290, 14.6278, 21.6365



85.2480, -26.2513, 19.9535



71.5990, 17.9457, -62.7923

Complementary

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



90.3290, 14.6278, 21.6365



101.6710, -14.6278, -21.6365

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.



68.4070, 5.7153, -59.9929



90.3290, 14.6278, 21.6365



82.5120, -23.4234, -0.4490

Square

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



90.3290, 14.6278, 21.6365



86.8400, -20.6271, 36.0973



78.3330, -11.9962, -25.7250



72.3460, 28.4234, -63.4474

Rectangle

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



90.3290, 14.6278, 21.6365



87.4940, -5.6665, 44.2938



78.3330, -11.9962, -25.7250



70.5730, 14.0145, -61.8925

Sweetspot

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



90.3290, 14.6278, 21.6365



144.2490, 5.7932, 8.5516



80.9940, 19.2300, -7.8877



72.2440, 3.3307, 5.0480



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



90.3290, 14.6278, 21.6365



109.5830, 22.8836, 33.6917



89.7720, 6.0284, 26.5100



57.4780, 1.7363, 3.0888



47.7380, 38.0902, 56.3578



96.3020, 76.7591, 113.7451

Inverse Universe

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



86.9220, -4.8915, 29.0094



104.3370, -7.5611, 45.3085



102.2280, -6.0284, -26.5100



56.9080, -0.4476, 3.5887



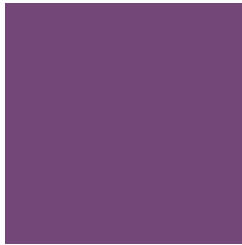
38.8570, -12.7475, 75.5474



78.3120, -25.7898, 152.3244

Previews

White Background



This preview shows how the YUV color 90.3290, 14.6278, 21.6365 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 90.3290, 14.6278, 21.6365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

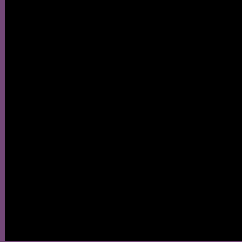
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.3290, 14.6278, 21.6365

Background



This preview shows how black text looks on a background with the YUV color 90.3290, 14.6278, 21.6365.



This preview shows how white text looks on a background with the YUV color 90.3290, 14.6278,

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

90.3290, 14.6278, 21.6365

Protanopia

86.9440, 21.7196, -13.1059

Deuteranopia

88.3270, 14.1358, -7.3028



Tritanopia

88.9530, -1.9488, 18.4582

Trichromacy



Original Color

90.3290, 14.6278, 21.6365

Protanomaly

88.3370, 19.0609, -0.2955

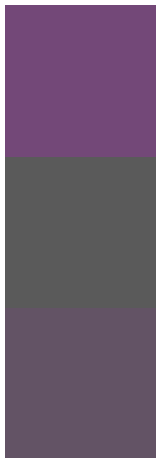
Deuteranomaly

89.3930, 14.1033, 3.1633

Tritanomaly

89.2720, 4.3029, 19.9325

Monochromacy



Original Color

90.3290, 14.6278, 21.6365

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8360, 5.5039, 8.0368

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.3290, 14.6278, 21.6365 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(115, 72, 120)` looks like.

```
.text, #text, p{  
    color:rgb(115, 72, 120)  
}
```

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(115, 72, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 72, 120) }
```

Border

The CSS property to change the border of an element to YUV 90.3290, 14.6278, 21.6365 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(115, 72, 120) }
```


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

```
.border{ border-color:rgb(115, 72, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 72, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 72, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 72, 120);  
box-shadow:4px 4px 4px 4px rgb(115, 72,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 90.3290, 14.6278, 21.6365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 72, 120) }
```

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

```
.background{ background-color: rgb(115, 72,  
120) }
```

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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