

Converting Colors

YUV(66.5980, 22.8762,
-57.5294)

Have a look what the booklet for
YUV(66.5980, 22.8762, -57.5294)
contains.

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Color

**YUV(66.5980, 22.8762,
-57.5294)**

Conversions

Conversions Part 1

Format	Color
Hex	015B71
RGB	1, 91, 113
RGB Percent	0%, 36%, 44%
CMY	0.9961, 0.6431, 0.5569
CMYK	0.99, 0.19, 0.00, 0.56
HSL	192°, 98%, 22%
HSV	192°, 99%, 44%
XYZ	6.7342, 8.6809, 16.9434
YIQ	66.5980, -60.7020, -12.2380

Conversions

Conversions Part 2

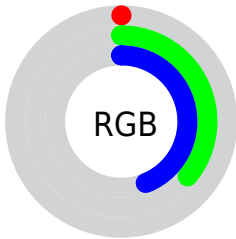
Format	Color
RYB	1, 51, 113
Decimal	88945
CIELab	35.36, -14.49, -19.02
CIElCh	35, 23.912, 232.691
Yxy	8.6809, 0.2081, 0.2683
Android (android.graphics.Color)	4278279025 (0xFF015B71)
YUV	66.5980, 22.8762, -57.5294
Hunter-Lab	29.4633, -10.7623, -13.4715

Details

The YUV color **66.5980, 22.8762, -57.5294** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **47.4020, -22.8762, 57.5294**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.7030, 20.3594, -43.5895**, and **33.8250, 15.3693, -29.6645** is the 20% darker color. If you saturate the color by 10%, you get **66.2990, 23.0236, -58.1442**, and if you desaturate by 10%, it is **71.0610, 20.6759, -51.7965**.

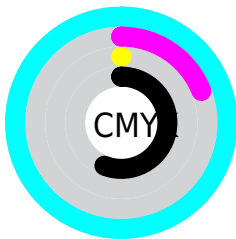
Distribution



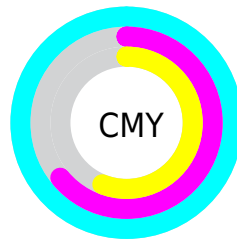
- Red (0%)
- Green (36%)
- Blue (44%)



- Red (0%)
- Yellow (20%)
- Blue (44%)



- Cyan (99%)
- Magenta (19%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (64%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.5980, 22.8762, -57.5294 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 66.5980, 22.8762, -57.5294 by changing the saturation by 10% instead.

66.5980, 22.8762,
-57.5294

66.5980, 22.8762,
-57.5294

255.0000, 0.0000,
0.0000

49.3610, 19.0490,
-43.2896

123.7030, 20.3594,
-43.5895

33.8250, 15.3693,
-29.6645

151.0020, 20.2120,
-42.9748

20.1640, 11.2581,
-17.6838

178.1160, 20.6488,
-43.0747

3.0950, 9.3202,
-2.7143

206.1160, 20.6488,
-43.0747

0.0000, 0.0000,
0.0000

232.3090, 11.1867,
-41.4900

242.7410, 6.0437,

-25.2059

251.7110, 1.6215,
-6.7625

66.5980, 22.8762,
-57.5294

66.5980, 22.8762,
-57.5294

66.2990, 23.0236,
-58.1442

71.0610, 20.6759,
-51.7965

75.8230, 18.3283,
-45.4488

80.8730, 15.8386,
-40.2306

85.3360, 13.6384,
-34.4977

90.0980, 11.2907,
-28.1499

■ 94.5610, 9.0904,
-22.4170

■ 99.6110, 6.6008,
-17.1988

■ 104.0740, 4.4005,
-11.4659

■ 108.8360, 2.0529,
-5.1182

Harmonies

Analogous

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



65.6490, 15.4560, -57.5742



66.5980, 22.8762, -57.5294



78.0300, 21.1842, -28.0903

Triad

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



66.5980, 22.8762, -57.5294



85.6320, 1.6604, 27.5097



80.0590, -16.2981, 0.8253

Complementary

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



66.5980, 22.8762, -57.5294



47.4020, -22.8762, 57.5294

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.



81.9900, -18.2361, 15.7948



66.5980, 22.8762, -57.5294



84.2490, -7.5178, 31.3536

Square

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



66.5980, 22.8762, -57.5294



85.8460, 10.4289, 15.0441



83.5660, -15.0690, 26.6906



77.7840, -9.2605, -16.4736

Rectangle

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



66.5980, 22.8762, -57.5294



82.1460, 18.6620, -12.4060



83.5660, -15.0690, 26.6906



81.3370, -17.9141, 5.8435

Sweetspot

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



66.5980, 22.8762, -57.5294



129.5610, 9.0904, -22.4170



69.1380, -23.2390, -59.7570



62.9920, 5.4269, -14.0250



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.



66.5980, 22.8762, -57.5294



86.7250, 30.2086, -76.0578



34.3130, 38.7927, -29.2155



53.6190, 1.1738, -3.1739



70.0320, 24.6342, -61.4181



144.9710, 50.3003, -127.1396

Inverse Universe

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



44.7480, 22.8022, 59.8570



57.8180, 30.1627, 79.0896



79.6870, -38.7927, 29.2155



52.3640, 1.2995, 3.1888



46.8240, 24.2438, 64.1754



96.5390, 50.5133, 131.9543

Previews

White Background



This preview shows how the YUV color 66.5980, 22.8762, -57.5294 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 66.5980, 22.8762, -57.5294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

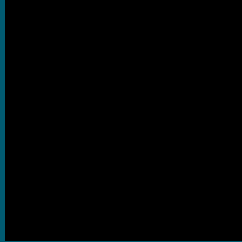
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.5980, 22.8762, -57.5294

Background



This preview shows how black text looks on a background with the YUV color 66.5980, 22.8762, -57.5294.



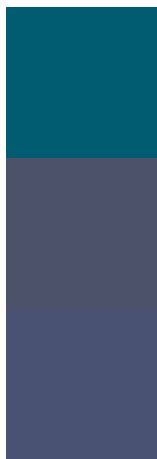
This preview shows how white text looks on a background with the YUV color 66.5980, 22.8762, -57.5294.

-57.5294.

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

66.5980, 22.8762, -57.5294

Protanopia

83.3550, 11.6570, -5.5733

Deuteranopia

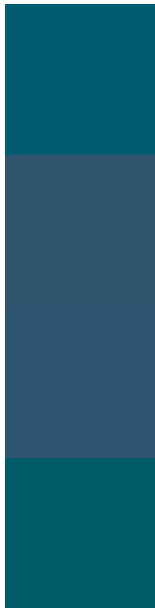
83.0710, 15.7410, -8.8323



Tritanopia

65.9910, 16.7664, -57.8741

Trichromacy



Original Color

66.5980, 22.8762, -57.5294

Protanomaly

76.9720, 15.7898, -24.5314

Deuteranomaly

76.9440, 18.2686, -26.2609

Tritanomaly

65.9740, 19.2398, -57.8592

Monochromacy



Original Color

66.5980, 22.8762, -57.5294

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0450, 8.3588, -21.0875

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.5980, 22.8762, -57.5294 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(1, 91, 113)` looks like.

```
.text, #text, p{  
    color:rgb(1, 91, 113)  
}
```

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(1, 91, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 91, 113) }
```

Border

The CSS property to change the border of an element to YUV 66.5980, 22.8762, -57.5294 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(1, 91, 113) }
```


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

```
.border{ border-color:rgb(1, 91, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 91, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 91, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 91, 113);  
box-shadow:4px 4px 4px 4px rgb(1, 91, 113)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.5980, 22.8762, -57.5294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 91, 113) }
```

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

```
.background{ background-color: rgb(1, 91,  
113) }
```

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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