

Converting Colors

XYZ(13.7272, 11.9226, 27.9633)

Have a look what the booklet for
XYZ(13.7272, 11.9226, 27.9633)
contains.

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Color

**XYZ(13.7272, 11.9226,
27.9633)**

Conversions

Conversions Part 1

Format	Color
Hex	625A90
RGB	98, 90, 144
RGB Percent	38%, 35%, 56%
CMY	0.6157, 0.6471, 0.4353
CMYK	0.32, 0.37, 0.00, 0.44
HSL	249°, 23%, 46%
HSV	249°, 37%, 56%
XYZ	13.7272, 11.9226, 27.9633
YIQ	98.5480, -12.5660, 18.4900

Conversions

Conversions Part 2

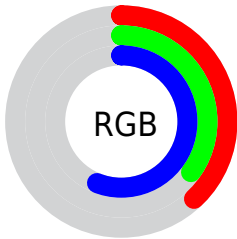
Format	Color
RYB	98, 90, 144
Decimal	6445712
CIELab	41.09, 16.24, -28.69
CIELCh	41, 32.970, 299.514
Yxy	11.9226, 0.2560, 0.2224
Android (android.graphics.Color)	4284635792 (0xFF625A90)
YUV	98.5480, 22.4078, -0.4806
Hunter-Lab	34.5291, 10.5375, -23.8454

Details

The XYZ color **13.7272, 11.9226, 27.9633** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.9722, 25.9191, 13.5181**, and the grayscale version is **11.6945, 12.3035, 13.3985**.

A 20% lighter version of the original color is **32.1488, 29.3174, 57.3905**, and **4.1431, 3.2446, 10.7638** is the 20% darker color. If you saturate the color by 10%, you get **11.4046, 9.0937, 27.5399**, and if you desaturate by 10%, it is **16.4888, 15.3276, 28.4752**.

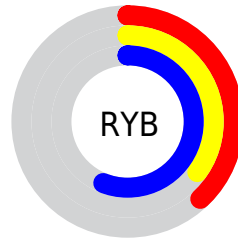
Distribution



Red (38%)

Green (35%)

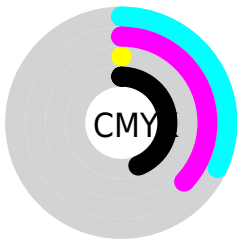
Blue (56%)



Red (38%)

Yellow (35%)

Blue (56%)

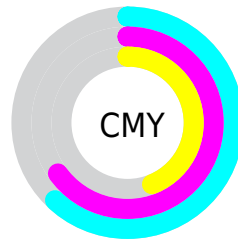


Cyan (32%)

Magenta (37%)

Yellow (0%)

Black (44%)



Cyan (62%)

Magenta (65%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7272, 11.9226, 27.9633 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 XYZ color 13.7272, 11.9226, 27.9633 by changing the saturation by 10% instead.

■ 13.7272, 11.9226,
27.9633

■ 13.7272, 11.9226,
27.9633

209.0718,
203.8922, 306.1979

■ 8.0116, 6.6910,
18.0592

■ 32.1945, 29.3541,
57.4482

■ 4.1542, 3.2696,
10.8226

■ 45.6770, 42.3227,
77.8662

■ 1.7898, 1.2741,
5.8350

■ 62.4790, 58.6391,
102.6258

■ 0.5115, 0.1210,
2.6779

■ 82.9662, 78.6878,
132.1456

■ 0.0000, 0.0000,
0.9323

■ 107.5036,
102.8530, 166.8442

■ 0.0000, 0.0000,
0.0000

136.4568,

131.5192, 207.1401

170.1911,
165.0708, 253.4518

■ 13.7272, 11.9226,
27.9633

■ 13.7272, 11.9226,
27.9633

■ 11.4046, 9.0937,
27.5399

■ 16.4888, 15.3276,
28.4752

■ 9.4969, 6.8076,
27.1992

■ 19.7094, 19.3369,
29.0793

■ 7.9796, 5.0294,
26.9359

■ 23.4091, 23.9785,
29.7802

■ 6.8250, 3.7198,
26.7440

■ 27.6065, 29.2782,
30.5820

■ 6.0015, 2.8335,
26.6163

■ 32.3194, 35.2602,
31.4882

■ 5.4595, 2.2910,
26.5402

■ 37.5643, 41.9478,
32.5026

■ 5.3505, 2.1767,
26.5239

■ 43.3573, 49.3630,
33.6286

■ 49.7138, 57.5269,
34.8693

■ 56.6484, 66.4596,
36.2280

Harmonies

Analogous

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



11.2935, 11.9226, 30.8817



13.7272, 11.9226, 27.9633



15.7276, 11.9226, 20.7875

Triad

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



13.7272, 11.9226, 27.9633



13.8034, 11.9226, 4.6732



7.3605, 11.9226, 12.8713

Complementary

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



13.7272, 11.9226, 27.9633



21.9722, 25.9191, 13.5181

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.



7.8428, 11.9226, 7.4248



13.7272, 11.9226, 27.9633



11.3708, 11.9226, 3.8189

Square

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



13.7272, 11.9226, 27.9633



15.7758, 11.9226, 7.5577



9.2331, 11.9226, 4.6174



7.8126, 11.9226, 20.5263

Rectangle

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



13.7272, 11.9226, 27.9633



16.4266, 11.9226, 15.5033



9.2331, 11.9226, 4.6174



7.4176, 11.9226, 10.7495

Sweetspot

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



13.7276, 11.9231, 27.9636



38.7553, 39.1081, 52.0440



18.1680, 22.0221, 29.6788



8.7072, 8.7421, 11.9007



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



13.7276, 11.9231, 27.9636



20.7110, 16.7605, 48.6815



17.0316, 13.6263, 28.1182



5.1994, 5.2910, 6.7760



4.6727, 1.9025, 23.0980



0.0561, 0.0241, 0.2214

Inverse Universe

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



19.6019, 15.0195, 25.1585



32.6898, 23.0818, 42.6435



18.2246, 23.9871, 13.3427



5.5924, 5.4975, 6.6175



13.1176, 6.4041, 16.8026



0.1315, 0.0636, 0.1925

Previews

White Background



This preview shows how the XYZ color 13.7272, 11.9226, 27.9633 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 XYZ color 13.7272, 11.9226, 27.9633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

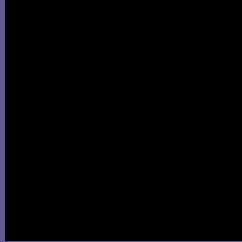
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.7272, 11.9226, 27.9633

Background



This preview shows how black text looks on a background with the XYZ color 13.7272, 11.9226, 27.9633.

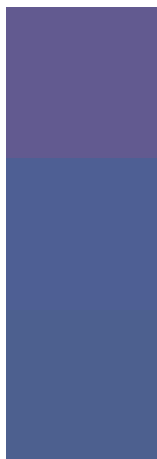


This preview shows how white text looks on a background with the XYZ color 13.7272, 11.9226,

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

13.7272, 11.9226, 27.9633

Protanopia

12.5794, 11.9422, 29.6591

Deuteranopia

12.2014, 11.9267, 27.6456



Tritanopia

11.1857, 11.9496, 15.3526

Trichromacy



Original Color

13.7272, 11.9226, 27.9633

Protanomaly

12.9271, 11.8666, 29.2129

Deuteranomaly

12.7069, 11.9199, 27.6176

Tritanomaly

11.9966, 11.8676, 19.4277

Monochromacy



Original Color

13.7272, 11.9226, 27.9633

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.4230, 12.2562, 17.9306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7272, 11.9226, 27.9633 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(98, 90, 144) looks like.

```
.text, #text, p{  
    color:rgb(98, 90, 144)  
}
```

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(98, 90, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 90, 144) }
```

Border

The CSS property to change the border of an element to XYZ 13.7272, 11.9226, 27.9633 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(98, 90, 144) }
```


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

```
.border{ border-color:rgb(98, 90, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 90, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 90, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 90, 144);  
box-shadow:4px 4px 4px 4px rgb(98, 90,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7272, 11.9226, 27.9633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 90, 144) }
```

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

```
.background{ background-color: rgb(98, 90,  
144) }
```

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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