

Converting Colors

XYZ(13.0973, 11.6976, 17.7872)

Have a look what the booklet for
XYZ(13.0973, 11.6976, 17.7872)
contains.

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Color

**XYZ(13.0973, 11.6976,
17.7872)**

Conversions

Conversions Part 1

Format	Color
Hex	6E5973
RGB	110, 89, 115
RGB Percent	43%, 35%, 45%
CMY	0.5686, 0.6510, 0.5490
CMYK	0.04, 0.23, 0.00, 0.55
HSL	288°, 13%, 40%
HSV	288°, 23%, 45%
XYZ	13.0973, 11.6976, 17.7872
YIQ	98.2430, 4.1700, 12.5380

Conversions

Conversions Part 2

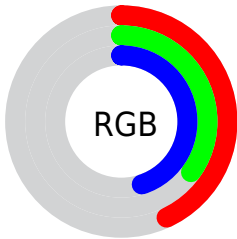
Format	Color
R_{YB}	110, 89, 115
Decimal	7231859
CIE _{Lab}	40.73, 13.72, -11.52
CIE _{LCh}	41, 17.918, 319.994
Yxy	11.6976, 0.3076, 0.2747
Android (android.graphics.Color)	4285421939 (0xFF6E5973)
YUV	98.2430, 8.2612, 10.3109
Hunter-Lab	34.2018, 8.5021, -6.8935

Details

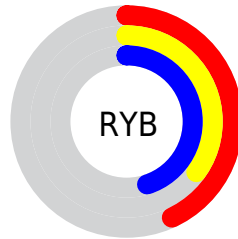
The XYZ color **13.0973, 11.6976, 17.7872** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **12.5505, 15.3627, 11.7557**, and the grayscale version is **11.6496, 12.2563, 13.3471**.

A 20% lighter version of the original color is **31.1080, 28.9366, 40.5050**, and **3.8636, 3.1571, 5.7159** is the 20% darker color. If you saturate the color by 10%, you get **11.9425, 9.7912, 17.4803**, and if you desaturate by 10%, it is **14.4093, 13.9076, 18.1448**.

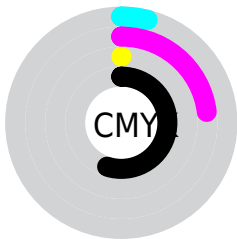
Distribution



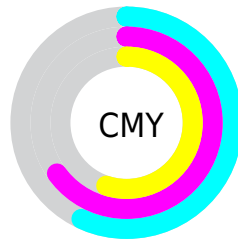
- Red (43%)
- Green (35%)
- Blue (45%)



- Red (43%)
- Yellow (35%)
- Blue (45%)



- Cyan (4%)
- Magenta (23%)
- Yellow (0%)
- Black (55%)



- Cyan (57%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0973, 11.6976, 17.7872 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 13.0973, 11.6976, 17.7872 by changing the saturation by 10% instead.

■ 13.0973, 11.6976,
17.7872

■ 13.0973, 11.6976,
17.7872

205.1653,
202.3929, 251.8646

■ 7.5730, 6.5381,
10.6295

■ 31.0783, 28.9431,
40.4834

■ 3.8725, 3.1750,
5.7072

■ 44.2658, 41.7980,
56.8590

■ 1.6302, 1.2237,
2.6020

■ 60.7383, 57.9867,
77.1442

■ 0.4120, 0.0810,
0.8935

■ 80.8614, 77.8938,
101.7577

■ 0.0000, 0.0000,
0.0000

■ 105.0002,
101.9035, 131.1179

133.5203,

130.4004, 165.6434

166.7869,
163.7687, 205.7528

■ 13.0973, 11.6976,
17.7872

■ 13.0973, 11.6976,
17.7872

■ 11.9425, 9.7912,
17.4803

■ 14.4093, 13.9076,
18.1448

■ 10.9367, 8.1729,
17.2209

■ 15.8838, 16.4327,
18.5545

■ 10.0728, 6.8284,
17.0069

■ 17.5273, 19.2856,
19.0185

■ 9.3426, 5.7414,
16.8356

■ 19.3458, 22.4778,
19.5388

■ 8.7371, 4.8937,
16.7039

■ 21.3446, 26.0203,
20.1173

8.2459, 4.2648,
16.6084

23.5291, 29.9236,
20.7555

7.8563, 3.8296,
16.5449

25.9044, 34.1978,
21.4553

7.5970, 3.5589,
16.5063

28.4752, 38.8524,
22.2183

31.2464, 43.8969,
23.0459

Harmonies

Analogous

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



11.9750, 11.6976, 20.5116



13.0973, 11.6976, 17.7872



13.7029, 11.6976, 13.9920

Triad

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



13.0973, 11.6976, 17.7872



11.5483, 11.6976, 7.0124



8.9760, 11.6976, 15.2829

Complementary

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



13.0973, 11.6976, 17.7872



12.5505, 15.3627, 11.7557

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.



8.8809, 11.6976, 11.5588



13.0973, 11.6976, 17.7872



10.3033, 11.6976, 7.2264

Square

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



13.0973, 11.6976, 17.7872



12.7646, 11.6976, 8.0924



9.3493, 11.6976, 8.7460



9.6199, 11.6976, 18.8856

Rectangle

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



13.0973, 11.6976, 17.7872



13.7030, 11.6976, 11.5602



9.3493, 11.6976, 8.7460



8.8808, 11.6976, 13.9904

Sweetspot

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



13.0977, 11.6981, 17.7875



27.1972, 27.2845, 32.8775



11.2354, 11.4033, 17.8287



6.4630, 6.4657, 7.8363



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.0977, 11.6981, 17.7875



22.3639, 19.1388, 31.5600



13.3074, 11.8559, 15.5525



3.7610, 3.7241, 4.6108



8.6680, 4.0599, 18.8693



41.5534, 19.4301, 91.9206

Inverse Universe

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



12.6634, 11.5983, 12.1616



21.4668, 18.9412, 19.5524



12.3994, 15.2450, 13.5500



3.7101, 3.7113, 4.0001



8.2429, 4.2309, 1.2215



39.9233, 20.5194, 4.6593

Previews

White Background



This preview shows how the XYZ color 13.0973, 11.6976, 17.7872 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 13.0973, 11.6976, 17.7872 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 13.0973, 11.6976, 17.7872

Background



This preview shows how black text looks on a background with the XYZ color 13.0973, 11.6976, 17.7872.



This preview shows how white text looks on a background with the XYZ color 13.0973, 11.6976,

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

13.0973, 11.6976, 17.7872

Protanopia

11.6384, 11.6900, 19.0957

Deuteranopia

11.9697, 11.7617, 17.5590



Tritanopia

12.2636, 11.7433, 13.4247

Trichromacy



Original Color

13.0973, 11.6976, 17.7872

Protanomaly

12.1141, 11.6781, 18.7552

Deuteranomaly

12.3439, 11.6940, 17.5262

Tritanomaly

12.5976, 11.7533, 14.9693

Monochromacy



Original Color

13.0973, 11.6976, 17.7872

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.0704, 12.0087, 14.7784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0973, 11.6976, 17.7872 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(110, 89, 115)` looks like.

```
.text, #text, p{  
    color:rgb(110, 89, 115)  
}
```

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(110, 89, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 89, 115) }
```

Border

The CSS property to change the border of an element to XYZ 13.0973, 11.6976, 17.7872 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(110, 89, 115) }
```


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

```
.border{ border-color:rgb(110, 89, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 89, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 89, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 89, 115);  
box-shadow:4px 4px 4px 4px rgb(110, 89,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0973, 11.6976, 17.7872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 89, 115) }
```

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

```
.background{ background-color: rgb(110, 89,  
115) }
```

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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