

Converting Colors

XYZ(13.7274, 12.5421, 17.9457)

Have a look what the booklet for
XYZ(13.7274, 12.5421, 17.9457)
contains.

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Color

**XYZ(13.6910, 12.5113,
17.9130)**

Conversions

Conversions Part 1

Format	Color
Hex	705D73
RGB	112, 93, 115
RGB Percent	44%, 36%, 45%
CMY	0.5608, 0.6353, 0.5490
CMYK	0.03, 0.19, 0.00, 0.55
HSL	292°, 11%, 41%
HSV	292°, 19%, 45%
XYZ	13.6910, 12.5113, 17.9130
YIQ	101.1890, 4.2620, 10.8700

Conversions

Conversions Part 2

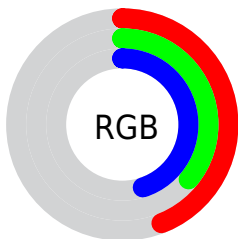
Format	Color
R _Y B	112, 93, 115
Decimal	7363955
CIE Lab	42.02, 12.03, -9.56
CIE LCh	42, 15.362, 321.521
Yxy	12.5113, 0.3103, 0.2836
Android (android.graphics.Color)	4285554035 (0xFF705D73)
YUV	101.1890, 6.8088, 9.4812
Hunter-Lab	35.3713, 7.1913, -5.2662

Details

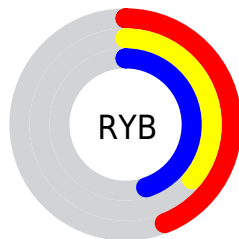
The XYZ color **13.6910, 12.5113, 17.9130** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.9309, 15.5389, 12.6744**, and the grayscale version is **12.4010, 13.0468, 14.2080**.

A 20% lighter version of the original color is **32.1074, 30.3275, 40.7208**, and **4.1440, 3.5283, 5.7728** is the 20% darker color. If you saturate the color by 10%, you get **12.5589, 10.5405, 17.5925**, and if you desaturate by 10%, it is **14.9792, 14.7886, 18.2849**.

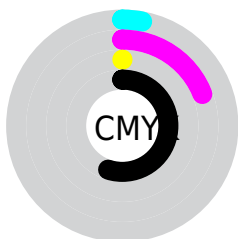
Distribution



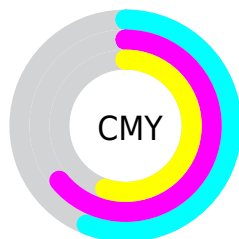
- Red (44%)
- Green (36%)
- Blue (45%)



- Red (44%)
- Yellow (36%)
- Blue (45%)



- Cyan (3%)
- Magenta (19%)
- Yellow (0%)
- Black (55%)



- Cyan (56%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6910, 12.5113, 17.9130 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 13.6910, 12.5113, 17.9130 by changing the saturation by 10% instead.

■ 13.6910, 12.5113,
17.9130

■ 13.6910, 12.5113,
17.9130

208.8493,
207.7615, 252.5998

■ 7.9863, 7.0929,
10.7187

■ 32.1306, 30.4230,
40.7010

■ 4.1379, 3.5203,
5.7663

■ 45.5962, 43.6850,
57.1317

■ 1.7805, 1.4090,
2.6370

■ 62.3796, 60.3304,
77.4785

■ 0.5059, 0.2233,
0.9115

■ 82.8460, 80.7436,
102.1596

■ 0.0000, 0.0000,
0.0000

107.3608,
105.3089, 131.5938

136.2894,

134.4107, 166.1996

169.9971,
168.4334, 206.3954

■ 13.6910, 12.5113,
17.9130

■ 13.6910, 12.5113,
17.9130

■ 12.5589, 10.5405,
17.5925

■ 14.9792, 14.7886,
18.2849

■ 11.5749, 8.8611,
17.3202

■ 16.4286, 17.3835,
18.7093

■ 10.7322, 7.4591,
17.0940

■ 18.0457, 20.3084,
19.1887

■ 10.0228, 6.3186,
16.9112

■ 19.8361, 23.5747,
19.7248

■ 9.4380, 5.4223,
16.7690

■ 21.8052, 27.1932,
20.3194

8.9681, 4.7507,
16.6642

23.9582, 31.1743,
20.9744

8.6017, 4.2812,
16.5929

26.3001, 35.5277,
21.6912

8.3010, 3.9380,
16.5425

28.8356, 40.2631,
22.4716

8.2751, 3.9085,
16.5381

31.5693, 45.3895,
23.3170

Harmonies

Analogous

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



12.7138, 12.5113, 20.3352



13.6910, 12.5113, 17.9130



14.1935, 12.5113, 14.5692

Triad

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



13.6910, 12.5113, 17.9130



12.2177, 12.5113, 8.3102



9.9672, 12.5113, 16.0572

Complementary

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



13.6910, 12.5113, 17.9130



12.9309, 15.5389, 12.6744

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.



9.8531, 12.5113, 12.7180



13.6910, 12.5113, 17.9130



11.1057, 12.5113, 8.5784

Square

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



13.6910, 12.5113, 17.9130



13.3080, 12.5113, 9.2764



10.2572, 12.5113, 10.0787



10.5795, 12.5113, 19.1503

Rectangle

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



13.6910, 12.5113, 17.9130



14.1708, 12.5113, 12.4072



10.2572, 12.5113, 10.0787



9.8709, 12.5113, 14.9150

Sweetspot

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



13.6914, 12.5118, 17.9133



27.5631, 27.8015, 32.9580



11.8196, 11.9862, 17.9105



6.5467, 6.5808, 7.8542



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.



13.6914, 12.5118, 17.9133



23.5754, 20.7584, 31.8087



13.6547, 12.5420, 15.6944



3.7799, 3.7339, 4.6117



9.4471, 4.4615, 18.9058



45.5065, 21.4679, 92.1056

Inverse Universe

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



13.0964, 12.3187, 12.7544



22.3129, 20.3521, 20.7019



12.9797, 15.5227, 14.5476



3.7024, 3.7083, 3.9597



8.1816, 4.2063, 0.8984



39.6783, 20.4215, 3.3696

Previews

White Background



This preview shows how the XYZ color 13.6910, 12.5113, 17.9130 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 13.6910, 12.5113, 17.9130 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 13.6910, 12.5113, 17.9130

Background



This preview shows how black text looks on a background with the XYZ color 13.6910, 12.5113, 17.9130.



This preview shows how white text looks on a background with the XYZ color 13.6910, 12.5113,

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

13.6910, 12.5113, 17.9130

Protanopia

12.4168, 12.5002, 19.2111

Deuteranopia

12.7914, 12.5891, 17.6753



Tritanopia

12.9708, 12.4787, 14.5570

Trichromacy



Original Color

13.6910, 12.5113, 17.9130

Protanomaly

12.8197, 12.4404, 18.8651

Deuteranomaly

13.1640, 12.6448, 17.6665

Tritanomaly

13.2121, 12.4465, 15.6160

Monochromacy



Original Color

13.6910, 12.5113, 17.9130

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.7949, 12.7792, 15.4279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6910, 12.5113, 17.9130 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(112, 93, 115)` looks like.

```
.text, #text, p{  
    color:rgb(112, 93, 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(112, 93, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 93, 115) }
```

Border

The CSS property to change the border of an element to XYZ 13.6910, 12.5113, 17.9130 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(112, 93, 115) }
```


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

```
.border{ border-color:rgb(112, 93, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 93, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 93, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 93, 115); box-shadow:4px 4px 4px 4px rgb(112, 93, 115) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6910, 12.5113, 17.9130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 93, 115) }
```

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

```
.background{ background-color: rgb(112, 93,  
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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