

Converting Colors

XYZ(13.5237, 15.1741, 17.2666)

Have a look what the booklet for
XYZ(13.5237, 15.1741, 17.2666)
contains.

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Color

**XYZ(13.5932, 15.2774,
17.2713)**

Conversions

Conversions Part 1

Format	Color
Hex	61706F
RGB	97, 112, 111
RGB Percent	38%, 44%, 44%
CMY	0.6196, 0.5608, 0.5647
CMYK	0.13, 0.00, 0.01, 0.56
HSL	176°, 7%, 41%
HSV	176°, 13%, 44%
XYZ	13.5932, 15.2774, 17.2713
YIQ	107.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

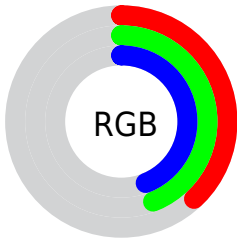
Format	Color
R _Y B	97, 105, 112
Decimal	6385775
CIE Lab	46.01, -5.82, -1.35
CIE LCh	46, 5.971, 193.041
Yxy	15.2774, 0.2946, 0.3311
Android (android.graphics.Color)	4284575855 (0xFF61706F)
YUV	107.4010, 1.7743, -9.1217
Hunter-Lab	39.0863, -6.3234, 1.1616

Details

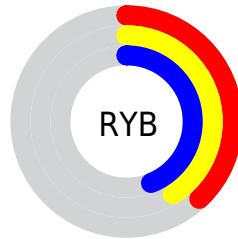
The XYZ color **13.5932, 15.2774, 17.2713** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.1620, 12.8765, 13.3477**, and the grayscale version is **14.0838, 14.8173, 16.1360**.

A 20% lighter version of the original color is **32.0991, 35.4912, 39.8090**, and **4.0460, 4.7038, 5.3973** is the 20% darker color. If you saturate the color by 10%, you get **12.4422, 14.6892, 17.0037**, and if you desaturate by 10%, it is **14.9140, 15.9539, 17.5493**.

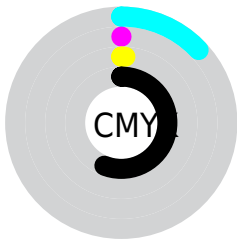
Distribution



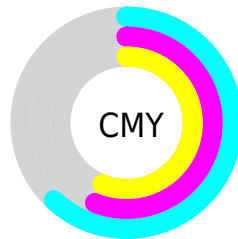
- Red (38%)
- Green (44%)
- Blue (44%)



- Red (38%)
- Yellow (41%)
- Blue (44%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (56%)



- Cyan (62%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5932, 15.2774, 17.2713 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 13.5932, 15.2774, 17.2713 by changing the saturation by 10% instead.

■ 13.5932, 15.2774,
17.2713

■ 13.5932, 15.2774,
17.2713

208.2469,
225.0392, 248.8276

■ 7.9181, 9.0143,
10.2641

■ 31.9578, 35.3391,
39.5887

■ 4.0939, 4.7505,
5.4665

■ 45.3780, 49.9065,
55.7359

■ 1.7554, 2.1016,
2.4600

■ 62.1106, 68.0107,
75.7670

■ 0.4906, 0.6655,
0.8189

■ 82.5209, 90.0363,
100.1003

■ 0.0000, 0.0000,
0.0000

106.9743,
116.3675, 129.1545

135.8362,

147.3888, 163.3481

169.4720,
183.4846, 203.0996

■ 13.5932, 15.2774,
17.2713

■ 13.5932, 15.2774,
17.2713

■ 12.4422, 14.6892,
17.0037

■ 14.9140, 15.9539,
17.5493

■ 11.4526, 14.1837,
16.7451

■ 16.4098, 16.7202,
17.8370

■ 10.6173, 13.7578,
16.4955

■ 18.0874, 17.5802,
18.1350

■ 9.9282, 13.4072,
16.2546

■ 19.9527, 18.5369,
18.4436

■ 9.3765, 13.1273,
16.0219

■ 22.0114, 19.5932,
18.7630

■ 8.9524, 12.9132,
15.7969

■ 24.2688, 20.7520,
19.0936

■ 8.6446, 12.7591,
15.5791

■ 26.7304, 22.0160,
19.4356

■ 8.4378, 12.6569,
15.3678

■ 29.4009, 23.3877,
19.7891

■ 8.3198, 12.5990,
15.2301

■ 32.2854, 24.8696,
20.1545

Harmonies

Analogous

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



13.6097, 15.2774, 15.8348



13.5932, 15.2774, 17.2713



13.8211, 15.2774, 18.6100

Triad

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



13.5932, 15.2774, 17.2713



15.1950, 15.2774, 18.7556



14.8064, 15.2774, 14.1087

Complementary

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



13.5932, 15.2774, 17.2713



13.1620, 12.8765, 13.3477

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.



15.2436, 15.2774, 14.8040



13.5932, 15.2774, 17.2713



15.4715, 15.2774, 17.4607

Square

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



13.5932, 15.2774, 17.2713



14.7414, 15.2774, 19.4999



15.4895, 15.2774, 16.0135



14.3022, 15.2774, 14.0645

Rectangle

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



13.5932, 15.2774, 17.2713



14.0840, 15.2774, 19.2442



15.4895, 15.2774, 16.0135



14.9663, 15.2774, 14.2721

Sweetspot

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



13.5936, 15.2780, 17.2716



26.0240, 27.9363, 30.7933



13.0164, 15.0626, 13.5310



6.2155, 6.6928, 7.3905



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



13.5936, 15.2780, 17.2716



23.2369, 26.5098, 30.1966



12.9832, 13.9684, 17.3418



3.4658, 3.8115, 4.2593



9.6146, 14.5634, 17.5891



47.7684, 72.4960, 86.9547

Inverse Universe

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



13.1620, 12.8765, 13.3477



22.3257, 21.4401, 21.9135



13.7155, 14.0587, 13.3003



3.3927, 3.4048, 3.5947



7.7688, 3.9999, 0.5924



38.5787, 19.8768, 2.3139

Previews

White Background



This preview shows how the XYZ color 13.5932, 15.2774, 17.2713 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 13.5932, 15.2774, 17.2713 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

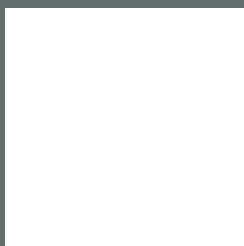
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.5932, 15.2774, 17.2713

Background



This preview shows how black text looks on a background with the XYZ color 13.5932, 15.2774, 17.2713.



This preview shows how white text looks on a background with the XYZ color 13.5932, 15.2774,

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

13.5932, 15.2774, 17.2713

Protanopia

14.6784, 15.2088, 16.6299

Deuteranopia

15.4474, 15.1246, 17.4344



Tritanopia

14.2202, 15.3776, 19.9880

Trichromacy



Original Color

13.5932, 15.2774, 17.2713

Protanomaly

14.2270, 15.1272, 16.9219

Deuteranomaly

14.7176, 15.2100, 17.4894

Tritanomaly

13.9323, 15.2499, 19.0388

Monochromacy



Original Color

13.5932, 15.2774, 17.2713

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.7689, 14.9036, 16.3383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5932, 15.2774, 17.2713 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(97, 112, 111) looks like.

```
.text, #text, p{  
    color:rgb(97, 112, 111)  
}
```

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(97, 112, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 112, 111) }
```

Border

The CSS property to change the border of an element to XYZ 13.5932, 15.2774, 17.2713 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(97, 112, 111) }
```


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

```
.border{ border-color:rgb(97, 112, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 112, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 112, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 112, 111);  
box-shadow:4px 4px 4px 4px rgb(97, 112,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5932, 15.2774, 17.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 112, 111) }
```

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

```
.background{ background-color: rgb(97, 112,  
111) }
```

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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