

Converting Colors

XYZ(13.7902, 17.0723, 0.0000)

Have a look what the booklet for
XYZ(13.7902, 17.0723, 0.0000)
contains.

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Color

**XYZ(14.3242, 17.3549,
2.5949)**

Conversions

Conversions Part 1

Format	Color
Hex	777800
RGB	119, 120, 0
RGB Percent	47%, 47%, 0%
CMY	0.5333, 0.5294, 1.0000
CMYK	0.01, 0.00, 1.00, 0.53
HSL	61°, 100%, 24%
HSV	61°, 100%, 47%
XYZ	14.3242, 17.3549, 2.5949
YIQ	106.0210, 37.9240, -37.5320

Conversions

Conversions Part 2

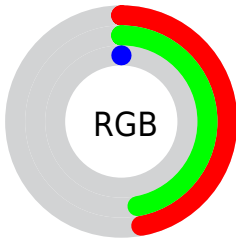
Format	Color
RYB	0, 120, 1
Decimal	7829504
CIELab	48.70, -12.82, 54.00
CIELCh	49, 55.504, 103.350
Yxy	17.3549, 0.4179, 0.5064
Android (android.graphics.Color)	4286019584 (0xFF777800)
YUV	106.0210, -52.2684, 11.3826
Hunter-Lab	41.6592, -11.5278, 25.4683

Details

The XYZ color **14.3242, 17.3549, 2.5949** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.4032, 1.3629, 17.8541**, and the grayscale version is **13.8376, 14.5582, 15.8539**.

A 20% lighter version of the original color is **33.1335, 38.8739, 10.6076**, and **4.6321, 5.8280, 0.8808** is the 20% darker color. If you saturate the color by 10%, you get **14.3245, 17.3557, 2.5950**, and if you desaturate by 10%, it is **14.4048, 17.3894, 2.9454**.

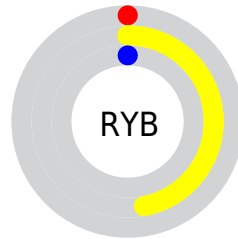
Distribution



Red (47%)

Green (47%)

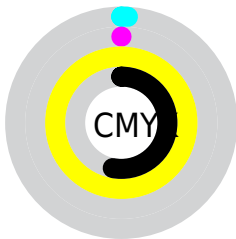
Blue (0%)



Red (0%)

Yellow (47%)

Blue (0%)

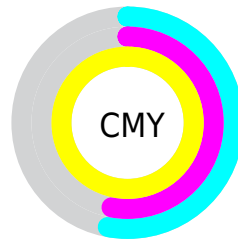


Cyan (1%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3242, 17.3549, 2.5949 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 14.3242, 17.3549, 2.5949 by changing the saturation by 10% instead.

■ 14.3242, 17.3549,
2.5949

■ 14.3242, 17.3549,
2.5949

212.7090,
237.2093, 131.0210

■ 8.4297, 10.4879,
0.8898

■ 33.2447, 38.9350,
10.6113

■ 4.4252, 5.7236,
0.0000

■ 47.0013, 54.4168,
17.7616

■ 1.9454, 2.6777,
0.0000

■ 64.1094, 73.5390,
27.5647

■ 0.6030, 0.9659,
0.0000


■ 84.9343, 96.6859,
40.4391


■ 0.0000, 0.0000,
0.0000


■ 109.8414,
124.2420, 56.8035


■ 139.1959,


156.5917, 77.0762


 173.3633,
194.1194, 101.6758


 14.3242, 17.3549,
2.5949


 14.3242, 17.3549,
2.5949


 14.3245, 17.3557,
2.5950

 14.4048, 17.3894,
2.9454

 14.5171, 17.4359,
3.4650

 14.6846, 17.5045,
4.2746

 14.9135, 17.5977,
5.4081

 15.2096, 17.7177,
6.8947

■ 15.5776, 17.8665,
8.7603

■ 16.0221, 18.0459,
11.0286

■ 16.5472, 18.2575,
13.7211

■ 17.1566, 18.5029,
16.8579

Harmonies

Analogous

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



19.4810, 17.3549, 2.7084



14.3242, 17.3549, 2.5949



10.6164, 17.3549, 4.9122

Triad

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



14.3242, 17.3549, 2.5949



10.3203, 17.3549, 45.6232



27.8440, 17.3549, 28.1844

Complementary

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



14.3242, 17.3549, 2.5949



3.4032, 1.3629, 17.8541

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.



24.2213, 17.3549, 47.7211



14.3242, 17.3549, 2.5949



13.8314, 17.3549, 60.8460

Square

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



14.3242, 17.3549, 2.5949



8.6488, 17.3549, 26.1860



18.8754, 17.3549, 61.7671



28.0526, 17.3549, 13.1035

Rectangle

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



14.3242, 17.3549, 2.5949



9.1661, 17.3549, 8.8589



18.8754, 17.3549, 61.7671



26.9558, 17.3549, 34.5804

Sweetspot

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



14.3246, 17.3557, 2.5953



28.1154, 31.7122, 19.0748



7.7464, 3.9935, 0.3628



6.5970, 7.4888, 4.1828



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.3246, 17.3557, 2.5953



25.1868, 30.5206, 4.5636



8.5808, 14.3947, 2.3264



4.3046, 4.6323, 4.2917



15.6256, 18.9325, 2.8308



74.4971, 90.2901, 13.5013

Inverse Universe

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



3.4032, 1.3629, 17.8541



5.9790, 2.3935, 31.3999



5.2543, 2.3172, 17.9408



3.8004, 3.8950, 4.9947



3.7116, 1.4861, 19.4765



17.6686, 7.0705, 92.9033

Previews

White Background



This preview shows how the XYZ color 14.3242, 17.3549, 2.5949 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 14.3242, 17.3549, 2.5949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

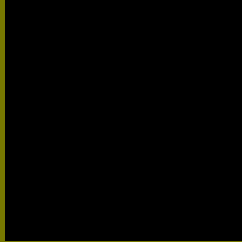
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3242, 17.3549, 2.5949

Background



This preview shows how black text looks on a background with the XYZ color 14.3242, 17.3549, 2.5949.

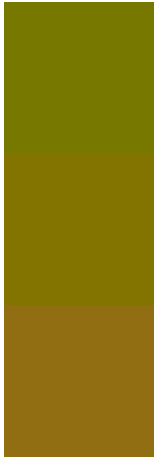


This preview shows how white text looks on a background with the XYZ color 14.3242, 17.3549,

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

14.3242, 17.3549, 2.5949

Protanopia

15.6055, 17.3161, 2.5198

Deuteranopia

17.5392, 17.3065, 2.9883



Tritanopia

17.9367, 17.4564, 20.1934

Trichromacy



Original Color

14.3242, 17.3549, 2.5949

Protanomaly

15.1137, 17.2346, 2.5300

Deuteranomaly

16.2311, 17.2930, 2.7990

Tritanomaly

15.7474, 17.0684, 9.3020

Monochromacy



Original Color

14.3242, 17.3549, 2.5949

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.2531, 15.1536, 7.5366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3242, 17.3549, 2.5949 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(119, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(119, 120, 0)  
}
```

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(119, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 120, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.3242, 17.3549, 2.5949 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(119, 120, 0) }
```


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

```
.border{ border-color:rgb(119, 120, 0) }
```

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

Here you see how a box with a 4 pixel rgb(119, 120, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(119, 120,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3242, 17.3549, 2.5949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 120, 0) }
```

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

```
.background{ background-color: rgb(119,  
120, 0) }
```

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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