

Converting Colors

XYZ(17.4380, 24.1001, 3.7327)

Have a look what the booklet for
XYZ(17.4380, 24.1001, 3.7327)
contains.

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Color

**XYZ(17.3279, 23.9638,
3.7122)**

Conversions

Conversions Part 1

Format	Color
Hex	749100
RGB	116, 145, 0
RGB Percent	45%, 57%, 0%
CMY	0.5451, 0.4314, 1.0000
CMYK	0.20, 0.00, 1.00, 0.43
HSL	72°, 100%, 28%
HSV	72°, 100%, 57%
XYZ	17.3279, 23.9638, 3.7122
YIQ	119.7990, 29.2610, -51.2430

Conversions

Conversions Part 2

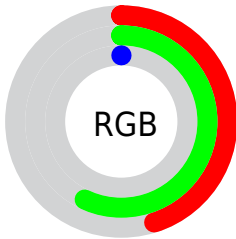
Format	Color
RYB	0, 145, 29
Decimal	7639296
CIELab	56.05, -27.05, 59.38
CIELCh	56, 65.248, 114.496
Yxy	23.9638, 0.3850, 0.5325
Android (android.graphics.Color)	4285829376 (0xFF749100)
YUV	119.7990, -59.0609, -3.3317
Hunter-Lab	48.9528, -22.4836, 29.7709

Details

The XYZ color **17.3279, 23.9638, 3.7122** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5.6183, 2.3061, 26.9385**, and the grayscale version is **17.9655, 18.9011, 20.5833**.

A 20% lighter version of the original color is **38.5422, 50.0597, 13.4255**, and **6.0526, 9.0622, 1.4302** is the 20% darker color. If you saturate the color by 10%, you get **17.3281, 23.9647, 3.7124**, and if you desaturate by 10%, it is **17.8028, 24.1999, 4.1666**.

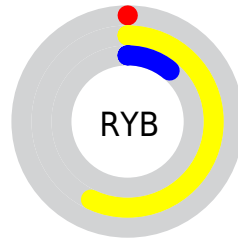
Distribution



Red (45%)

Green (57%)

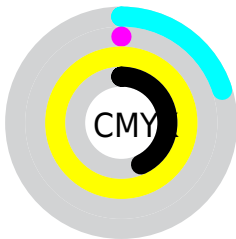
Blue (0%)



Red (0%)

Yellow (57%)

Blue (11%)

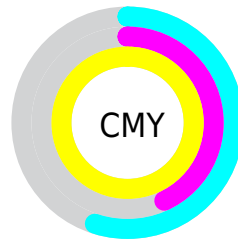


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (55%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3279, 23.9638, 3.7122 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 17.3279, 23.9638, 3.7122 by changing the saturation by 10% instead.

■ 17.3279, 23.9638,
3.7122

■ 17.3279, 23.9638,
3.7122

230.1745,
272.6374, 144.9707

■ 10.5653, 15.3068,
1.4688

■ 38.4278, 49.9711,
13.3404

■ 5.8405, 9.0350,
0.1945

■ 53.4959, 68.0902,
21.5623

■ 2.7881, 4.7640,
0.0000

■ 72.0631, 90.1321,
32.6140

■ 1.0427, 2.1095,
0.0000

■ 94.4949, 116.4812,
46.9143


■ 0.0000, 0.6699,
0.0000


■ 121.1565,
147.5219, 64.8815


■ 0.0000, 0.0000,
0.0000


■ 152.4135,


183.6385, 86.9343


 188.6310,
225.2156, 113.4912


 17.3279, 23.9638,
3.7122


 17.3279, 23.9638,
3.7122


 17.3281, 23.9647,
3.7124

 17.8028, 24.1999,
4.1666

 18.3458, 24.4637,
4.9182

 18.9854, 24.7676,
6.1151

 19.7323, 25.1159,
7.8125

 20.5957, 25.5121,
10.0578

■ 21.5835, 25.9596,
12.8928

■ 22.7029, 26.4613,
16.3553

■ 23.9608, 27.0197,
20.4798

■ 25.3632, 27.6375,
25.2984

Harmonies

Analogous

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



24.1817, 23.9638, 2.8352



17.3279, 23.9638, 3.7122



12.9749, 23.9638, 8.7581

Triad

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



17.3279, 23.9638, 3.7122



15.4155, 23.9638, 75.9137



40.2632, 23.9638, 30.2377

Complementary

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



17.3279, 23.9638, 3.7122



5.6183, 2.3061, 26.9385

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.



36.5765, 23.9638, 57.9937



17.3279, 23.9638, 3.7122



21.4276, 23.9638, 92.1418

Square

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



17.3279, 23.9638, 3.7122



12.0516, 23.9638, 47.1220



29.2629, 23.9638, 84.2369



38.4973, 23.9638, 12.4882

Rectangle

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



17.3279, 23.9638, 3.7122



11.5550, 23.9638, 16.5734



29.2629, 23.9638, 84.2369



39.6000, 23.9638, 38.6975

Sweetspot

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



17.3284, 23.9649, 3.7127



40.5214, 47.3260, 28.8612



12.1173, 6.8993, 0.6934



8.8423, 10.4512, 5.8796



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.



17.3284, 23.9649, 3.7127



30.8870, 42.8411, 6.6412



11.1437, 20.7765, 3.4233



5.7353, 6.2317, 5.7899



14.8833, 20.5652, 3.1851



0.1596, 0.2056, 0.0313

Inverse Universe

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



5.6183, 2.3061, 26.9385



9.9428, 4.0684, 48.2348



10.5349, 4.8407, 27.1686



5.2241, 5.3037, 6.7771



4.8367, 1.9870, 23.1057



0.0611, 0.0266, 0.2216

Previews

White Background



This preview shows how the XYZ color 17.3279, 23.9638, 3.7122 looks on a white 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

Black Background



This preview shows how the XYZ color 17.3279, 23.9638, 3.7122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

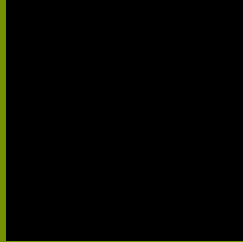
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.3279, 23.9638, 3.7122

Background



This preview shows how black text looks on a background with the XYZ color 17.3279, 23.9638, 3.7122.



This preview shows how white text looks on a background with the XYZ color 17.3279, 23.9638,

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

17.3279, 23.9638, 3.7122

Protanopia

21.2876, 23.6295, 3.4390

Deuteranopia

24.1380, 23.6883, 4.2774



Tritanopia

22.6769, 23.9615, 30.2179

Trichromacy



Original Color

17.3279, 23.9638, 3.7122

Protanomaly

19.5697, 23.5802, 3.5200

Deuteranomaly

21.2040, 23.5747, 3.9631

Tritanomaly

19.4766, 23.5230, 13.6391

Monochromacy



Original Color

17.3279, 23.9638, 3.7122

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

16.7625, 20.1443, 9.8422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3279, 23.9638, 3.7122 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(116, 145, 0)` looks like.

```
.text, #text, p{  
    color:rgb(116, 145, 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(116, 145, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 145, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.3279, 23.9638, 3.7122 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(116, 145, 0) }
```


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

```
.border{ border-color:rgb(116, 145, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 145, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 145, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 145, 0);  
box-shadow:4px 4px 4px 4px rgb(116, 145,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3279, 23.9638, 3.7122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 145, 0) }
```

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

```
.background{ background-color: rgb(116,  
145, 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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