

Converting Colors

XYZ(15.9276, 23.5186, 0.0000)

Have a look what the booklet for
XYZ(15.9276, 23.5186, 0.0000)
contains.

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Color

**XYZ(16.7093, 23.8728,
3.7272)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9200
RGB	110, 146, 0
RGB Percent	43%, 57%, 0%
CMY	0.5686, 0.4274, 1.0000
CMYK	0.25, 0.00, 1.00, 0.43
HSL	75°, 100%, 29%
HSV	75°, 100%, 57%
XYZ	16.7093, 23.8728, 3.7272
YIQ	118.5920, 25.4100, -53.0380

Conversions

Conversions Part 2

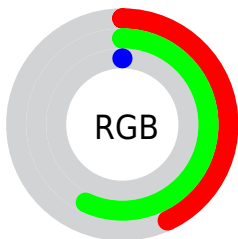
Format	Color
RYB	0, 146, 36
Decimal	7246336
CIELab	55.96, -30.08, 59.13
CIELCh	56, 66.340, 116.959
Yxy	23.8728, 0.3771, 0.5388
Android (android.graphics.Color)	4285436416 (0xFF6E9200)
YUV	118.5920, -58.4659, -7.5352
Hunter-Lab	48.8598, -24.4604, 29.6790

Details

The XYZ color **16.7093, 23.8728, 3.7272** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5.9167, 2.4510, 27.3568**, and the grayscale version is **17.5797, 18.4952, 20.1412**.

A 20% lighter version of the original color is **37.2768, 49.7501, 13.4324**, and **5.7796, 9.0543, 1.4430** is the 20% darker color. If you saturate the color by 10%, you get **16.7095, 23.8737, 3.7274**, and if you desaturate by 10%, it is **17.2504, 24.1429, 4.1884**.

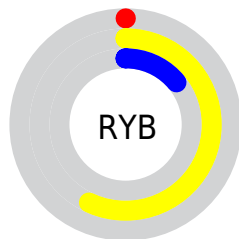
Distribution



Red (43%)

Green (57%)

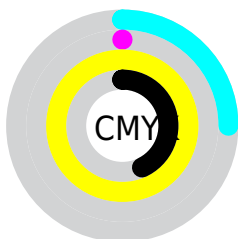
Blue (0%)



Red (0%)

Yellow (57%)

Blue (14%)

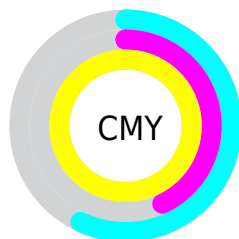


Cyan (25%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (57%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7093, 23.8728, 3.7272 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 16.7093, 23.8728, 3.7272 by changing the saturation by 10% instead.

■ 16.7093, 23.8728,
3.7272

■ 16.7093, 23.8728,
3.7272

226.6806,
272.1768, 145.1432

■ 10.1215, 15.2393,
1.4769

■ 37.3729, 49.8225,
13.3756

■ 5.5425, 8.9875,
0.2006

■ 52.1793, 67.9076,
21.6107

■ 2.6069, 4.7330,
0.0000

■ 70.4560, 89.9119,
32.6779

■ 0.9495, 2.0915,
0.0000

■ 92.5683, 116.2199,
46.9956


■ 0.0000, 0.6598,
0.0000


■ 118.8815,
147.2160, 64.9825


■ 0.0000, 0.0000,
0.0000


■ 149.7611,


183.2846, 87.0570


 185.5723,
224.8100, 113.6377


 16.7093, 23.8728,
3.7272


 16.7093, 23.8728,
3.7272


 16.7095, 23.8737,
3.7274

 17.2504, 24.1429,
4.1884

 17.8670, 24.4445,
4.9527

 18.5879, 24.7899,
6.1696

 19.4241, 25.1837,
7.8953

 20.3849, 25.6295,
10.1780

■ 21.4787, 26.1307,
13.0602

■ 22.7128, 26.6903,
16.5804

■ 24.0942, 27.3110,
20.7737

■ 25.6293, 27.9955,
25.6728

Harmonies

Analogous

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



23.4715, 23.8728, 2.6313



16.7093, 23.8728, 3.7272



12.5432, 23.8728, 9.2430

Triad

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



16.7093, 23.8728, 3.7272



15.6420, 23.8728, 78.9540



40.5551, 23.8728, 28.2687

Complementary

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



16.7093, 23.8728, 3.7272



5.9167, 2.4510, 27.3568

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.



37.2139, 23.8728, 55.9995



16.7093, 23.8728, 3.7272



21.9268, 23.8728, 93.8195

Square

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



16.7093, 23.8728, 3.7272



12.0302, 23.8728, 49.8489



29.9514, 23.8728, 83.6846



38.2983, 23.8728, 11.3024

Rectangle

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



16.7093, 23.8728, 3.7272



11.2569, 23.8728, 17.6744



29.9514, 23.8728, 83.6846



40.0345, 23.8728, 36.5828

Sweetspot

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



16.7098, 23.8739, 3.7277



39.9249, 47.0185, 28.8333



12.4289, 7.2597, 0.7465



8.6950, 10.3753, 5.8727



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.



16.7098, 23.8739, 3.7277



29.3166, 42.0315, 6.5678



11.1140, 20.9891, 3.4658



6.1272, 6.6734, 6.2056



14.7244, 21.0186, 3.2809



0.2069, 0.2710, 0.0414

Inverse Universe

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



5.9167, 2.4510, 27.3568



10.3038, 4.2545, 48.2517



11.2608, 5.2059, 27.6069



5.6255, 5.6979, 7.2731



5.2241, 2.1657, 24.0737



0.0874, 0.0386, 0.2957

Previews

White Background



This preview shows how the XYZ color 16.7093, 23.8728, 3.7272 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 16.7093, 23.8728, 3.7272 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 16.7093, 23.8728, 3.7272

Background



This preview shows how black text looks on a background with the XYZ color 16.7093, 23.8728, 3.7272.



This preview shows how white text looks on a background with the XYZ color 16.7093, 23.8728,

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

16.7093, 23.8728, 3.7272

Protanopia

21.2876, 23.6295, 3.4390

Deuteranopia

24.1494, 23.6929, 4.3373



Tritanopia

22.1608, 23.8946, 30.6382

Trichromacy



Original Color

16.7093, 23.8728, 3.7272

Protanomaly

19.2418, 23.4112, 3.5047

Deuteranomaly

20.8390, 23.3866, 3.9460

Tritanomaly

18.8251, 23.3980, 13.8800

Monochromacy



Original Color

16.7093, 23.8728, 3.7272

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.3572, 19.9353, 9.8233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7093, 23.8728, 3.7272 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, 146, 0)` looks like.

```
.text, #text, p{  
    color:rgb(110, 146, 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(110, 146, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 146, 0) }
```

Border

The CSS property to change the border of an element to XYZ 16.7093, 23.8728, 3.7272 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, 146, 0) }
```


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

```
.border{ border-color:rgb(110, 146, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 146, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 146, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 146, 0);  
box-shadow:4px 4px 4px 4px rgb(110, 146,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7093, 23.8728, 3.7272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 146, 0) }
```

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

```
.background{ background-color: rgb(110,  
146, 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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