

Converting Colors

XYZ(17.1204, 7.2250, 73.1291)

Have a look what the booklet for
XYZ(17.1204, 7.2250, 73.1291)
contains.

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Color

**XYZ(17.0896, 7.2083,
73.1637)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4F00E3 |
| RGB | 79, 0, 227 |
| RGB Percent | 31%, 0%, 89% |
| CMY | 0.6902, 1.0000, 0.1098 |
| CMYK | 0.65, 1.00, 0.00, 0.11 |
| HSL | 261°, 100%, 45% |
| HSV | 261°, 100%, 89% |
| XYZ | 17.0896, 7.2083, 73.1637 |
| YIQ | 49.4990, -25.7830, 87.3450 |

Conversions

Conversions Part 2

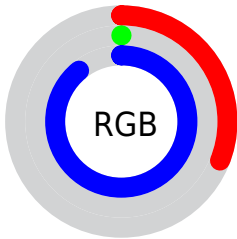
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 79, 0, 227 |
| Decimal | 5177571 |
| CIE Lab | 32.28, 74.12, -91.94 |
| CIE LCh | 32, 118.096, 308.874 |
| Yxy | 7.2083, 0.1753, 0.0740 |
| Android (android.graphics.Color) | 4283367651 (0xFF4F00E3) |
| YUV | 49.4990, 87.5080, 25.8724 |
| Hunter-Lab | 26.8483, 66.6352, -142.7762 |

Details

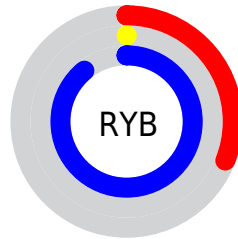
The XYZ color **17.0896, 7.2083, 73.1637** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **39.6804, 61.2335, 9.7279**, and the grayscale version is **2.8831, 3.0332, 3.3032**.

A 20% lighter version of the original color is **32.4652, 18.1881, 96.4073**, and **7.2557, 2.9023, 38.2080** is the 20% darker color. If you saturate the color by 10%, you get **17.0904, 7.2087, 73.1640**, and if you desaturate by 10%, it is **18.7621, 8.5166, 73.3283**.

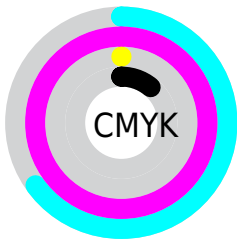
Distribution



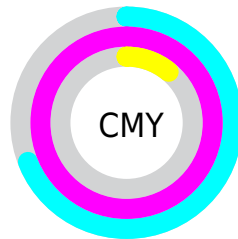
- Red (31%)
- Green (0%)
- Blue (89%)



- Red (31%)
- Yellow (0%)
- Blue (89%)



- Cyan (65%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)



- Cyan (69%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0896, 7.2083, 73.1637 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 17.0896, 7.2083, 73.1637 by changing the saturation by 10% instead.

■ 17.0896, 7.2083,
73.1637

■ 17.0896, 7.2083,
73.1637

228.8344,
169.3835, 490.6680

■ 10.3941, 3.5927,
53.6172

■ 38.0221, 20.3910,
125.4326

■ 5.7253, 1.4484,
37.9046

■ 52.9899, 30.7270,
158.9922

■ 2.7178, 0.2520,
25.6074

■ 71.4457, 44.0718,
198.0598

■ 1.0064, 0.0000,
16.3070

■ 93.7551, 60.8100,
243.0540

■ 0.0000, 0.0000,
9.5850

■ 120.2833, 81.3258,
294.3934


■ 0.0000, 0.0000,
5.0227


■ 151.3956,

■ 0.0000, 0.0000,

106.0037, 352.4965

2.2016


 187.4576,
135.2282, 417.7818


 0.0000, 0.0000,
0.6753

 0.0000, 0.0000,
0.0000


 17.0896, 7.2083,
73.1637


 17.0896, 7.2083,
73.1637

 17.0904, 7.2087,
73.1640

 18.7621, 8.5166,
73.3283

 21.0774, 10.6799,
73.6239

 24.1650, 13.9334,
74.0891

 28.1045, 18.4149,
74.7465

■ 32.9640, 24.2410,
75.6149

■ 38.8043, 31.5142,
76.7110

■ 45.6803, 40.3267,
78.0496

■ 53.6428, 50.7632,
79.6443

■ 62.7390, 62.9017,
81.5079

Harmonies

Analogous

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



8.8129, 7.2083, 108.7489



17.0896, 7.2083, 73.1637



24.5089, 7.2083, 27.0959

Triad

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



17.0896, 7.2083, 73.1637



11.9741, 7.2083, 0.0000



0.5478, 7.2083, 14.2126

Complementary

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



17.0896, 7.2083, 73.1637



39.6804, 61.2335, 9.7279

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.



0.7071, 7.2083, 0.9148



17.0896, 7.2083, 73.1637



5.2047, 7.2083, 0.0000

Square

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



17.0896, 7.2083, 73.1637



20.5361, 7.2083, 0.0000



1.8283, 7.2083, 0.0000



1.1914, 7.2083, 53.0278

Rectangle

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



17.0896, 7.2083, 73.1637



26.3832, 7.2083, 8.5234



1.8283, 7.2083, 0.0000



0.5138, 7.2083, 7.2104

Sweetspot

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



17.0904, 7.2087, 73.1640



59.2818, 52.2572, 101.5699



24.9856, 27.7868, 76.7199



11.8420, 10.0929, 21.5739



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



17.0904, 7.2087, 73.1640



22.1463, 9.3317, 95.2417



34.8929, 16.3863, 73.9971



14.0536, 14.1298, 18.1310



10.0808, 4.2628, 42.6746



0.8424, 0.3652, 3.1581

Inverse Universe

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



37.0233, 18.4688, 29.6269



48.1455, 24.0222, 38.2939



28.2624, 55.3473, 9.1935



14.7709, 14.5255, 16.9938



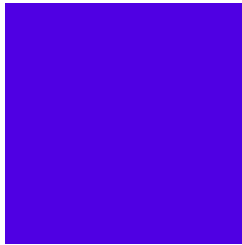
21.6491, 10.7939, 17.5791



1.6433, 0.8150, 1.5279

Previews

White Background



This preview shows how the XYZ color 17.0896, 7.2083, 73.1637 looks on a white background.

Color Contrast Check

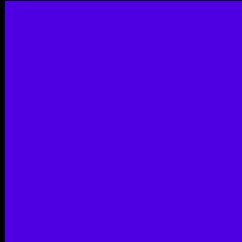
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 17.0896, 7.2083, 73.1637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 17.0896, 7.2083, 73.1637

Background



This preview shows how black text looks on a background with the XYZ color 17.0896, 7.2083, 73.1637.



This preview shows how white text looks on a background with the XYZ color 17.0896, 7.2083,

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

17.0896, 7.2083, 73.1637

Protanopia

8.6019, 7.4665, 32.8861

Deuteranopia

7.1023, 7.4308, 23.2503



Tritanopia

5.2596, 7.4283, 11.2818

Trichromacy



Original Color

17.0896, 7.2083, 73.1637

Protanomaly

10.0071, 5.7525, 44.8389

Deuteranomaly

8.6656, 5.4189, 37.1484

Tritanomaly

6.6806, 4.9167, 25.7962

Monochromacy



Original Color

17.0896, 7.2083, 73.1637

Achromatopsia

3.0317, 3.1896, 3.4735

Achromatomaly

5.4782, 3.2400, 16.2562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0896, 7.2083, 73.1637 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(79, 0, 227)` looks like.

```
.text, #text, p{  
    color:rgb(79, 0, 227)  
}
```

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(79, 0, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 0, 227) }
```

Border

The CSS property to change the border of an element to XYZ 17.0896, 7.2083, 73.1637 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(79, 0, 227) }
```


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

```
.border{ border-color:rgb(79, 0, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 0, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 0, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 0, 227);  
box-shadow:4px 4px 4px 4px rgb(79, 0, 227)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.0896, 7.2083, 73.1637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 0, 227) }
```

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

```
.background{ background-color: rgb(79, 0,  
227) }
```

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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