

Converting Colors

XYZ(18.0392, 7.2615, 92.9206)

Have a look what the booklet for
XYZ(18.0392, 7.2615, 92.9206)
contains.

XYZ(17.9716, 7.2349, 92.5447)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.9716, 7.2349,
92.5447)**

Conversions

Conversions Part 1

Format	Color
Hex	1900FC
RGB	25, 0, 252
RGB Percent	10%, 0%, 99%
CMY	0.9018, 1.0000, 0.0118
CMYK	0.90, 1.00, 0.00, 0.01
HSL	246°, 100%, 49%
HSV	246°, 100%, 99%
XYZ	17.9716, 7.2349, 92.5447
YIQ	36.2030, -65.9920, 83.6720

Conversions

Conversions Part 2

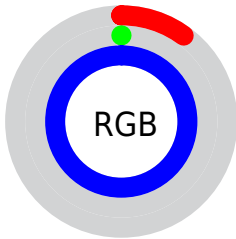
Format	Color
R _Y B	25, 0, 252
Decimal	1638652
CIE Lab	32.34, 78.64, -106.11
CIE LCh	32, 132.074, 306.541
Yxy	7.2349, 0.1526, 0.0614
Android (android.graphics.Color)	4279828732 (0xFF1900FC)
YUV	36.2030, 106.3879, -9.8250
Hunter-Lab	26.8978, 72.1927, -185.1653

Details

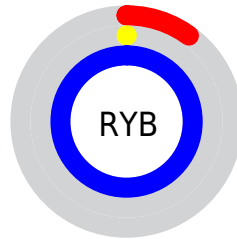
The XYZ color **17.9716, 7.2349, 92.5447** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **66.4767, 85.9455, 13.0855**, and the grayscale version is **1.6157, 1.6999, 1.8512**.

A 20% lighter version of the original color is **28.8248, 16.2147, 96.2183**, and **9.6256, 3.8503, 50.6879** is the 20% darker color. If you saturate the color by 10%, you get **17.9726, 7.2355, 92.5451**, and if you desaturate by 10%, it is **19.1292, 8.3541, 92.7000**.

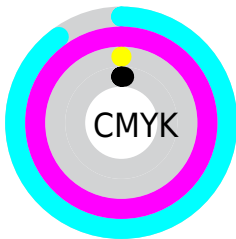
Distribution



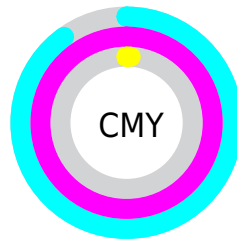
- Red (10%)
- Green (0%)
- Blue (99%)



- Red (10%)
- Yellow (0%)
- Blue (99%)



- Cyan (90%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)



- Cyan (90%)
- Magenta (100%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9716, 7.2349, 92.5447 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 17.9716, 7.2349, 92.5447 by changing the saturation by 10% instead.

■ 17.9716, 7.2349,
92.5447

■ 17.9716, 7.2349,
92.5447

233.7596,
169.6015, 557.0566

■ 11.0292, 3.6094,
69.5076

■ 39.5194, 20.4442,
152.8344

■ 6.1539, 1.4576,
50.6509

■ 54.8555, 30.7969,
190.9240

■ 2.9804, 0.2586,
35.5560

■ 73.7201, 44.1607,
234.8681

■ 1.1434, 0.0000,
23.8045

■ 96.4787, 60.9201,
285.0854

■ 0.0610, 0.0000,
14.9778

■ 123.4966, 81.4595,
341.9944


■ 0.0000, 0.0000,
8.6574


■ 155.1391,


■ 0.0000, 0.0000,


106.1633, 406.0136


4.4246


 191.7717,
135.4158, 477.5615


 0.0000, 0.0000,
1.8611


 0.0000, 0.0000,
0.4678


 17.9716, 7.2349,
92.5447


 17.9716, 7.2349,
92.5447

 17.9726, 7.2355,
92.5451

 19.1292, 8.3541,
92.7000

 21.2856, 10.6621,
93.0319

 24.6549, 14.4761,
93.5905

 29.3841, 19.9978,
94.4070

■ 35.5991, 27.3978,
95.5078

■ 43.4111, 36.8256,
96.9158

■ 52.9208, 48.4157,
98.6517

■ 64.2204, 62.2911,
100.7344

■ 77.3955, 78.5654,
103.1812

Harmonies

Analogous

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



8.4765, 7.2349, 134.4207



17.9716, 7.2349, 92.5447



27.2020, 7.2349, 34.1721

Triad

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



17.9716, 7.2349, 92.5447



13.5069, 7.2349, 0.0000



0.1993, 7.2349, 12.9608

Complementary

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



17.9716, 7.2349, 92.5447



66.4767, 85.9455, 13.0855

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.



0.4448, 7.2349, 0.2219



17.9716, 7.2349, 92.5447



5.4918, 7.2349, 0.0000

Square

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



17.9716, 7.2349, 92.5447



23.6433, 7.2349, 0.0000



1.6593, 7.2349, 0.0000



0.8121, 7.2349, 57.8375

Rectangle

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



17.9716, 7.2349, 92.5447



29.9326, 7.2349, 10.3601



1.6593, 7.2349, 0.0000



0.1842, 7.2349, 5.8271

Sweetspot

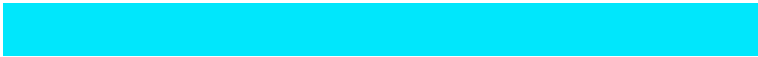
The Sweet Spot groups the original color and five complimentary colors.



17.9726, 7.2355, 92.5451



54.3444, 49.7119, 101.3388



46.1468, 64.1803, 102.0516



10.7032, 9.5059, 21.5206



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.



17.9726, 7.2355, 92.5451



18.4593, 7.4310, 95.0692



29.6034, 13.2314, 93.0894



16.4430, 16.7255, 21.7470



9.4165, 3.7971, 48.2102



0.9238, 0.3783, 4.4675

Inverse Universe

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



54.0047, 26.2394, 74.8630



55.4755, 26.9542, 76.8933



40.6362, 72.6243, 11.8761



17.9143, 17.4931, 21.4046



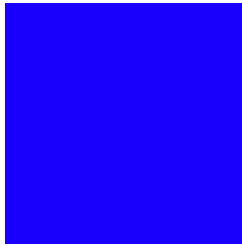
28.1629, 13.6809, 39.1618



2.6292, 1.2754, 3.7370

Previews

White Background



This preview shows how the XYZ color 17.9716, 7.2349, 92.5447 looks on a white background.

Color Contrast Check

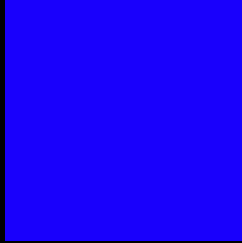
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9716, 7.2349, 92.5447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

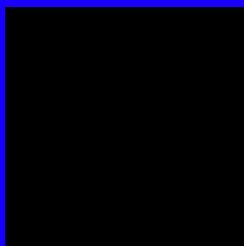
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.9716, 7.2349, 92.5447

Background



This preview shows how black text looks on a background with the XYZ color 17.9716, 7.2349, 92.5447.



This preview shows how white text looks on a background with the XYZ color 17.9716, 7.2349,

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

17.9716, 7.2349, 92.5447

Protanopia

8.4495, 7.2979, 32.4158

Deuteranopia

6.9608, 7.2579, 22.8638



Tritanopia

5.0517, 7.2183, 10.5782

Trichromacy



Original Color

17.9716, 7.2349, 92.5447

Protanomaly

10.5331, 5.8527, 49.8647

Deuteranomaly

9.0897, 5.4739, 41.6518

Tritanomaly

6.7771, 4.8345, 28.5929

Monochromacy



Original Color

17.9716, 7.2349, 92.5447

Achromatopsia

1.6769, 1.7642, 1.9212

Achromatomaly

3.9966, 2.1577, 16.4255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9716, 7.2349, 92.5447 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(25, 0, 252)` looks like.

```
.text, #text, p{  
    color:rgb(25, 0, 252)  
}
```

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(25, 0, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 0, 252) }
```

Border

The CSS property to change the border of an element to XYZ 17.9716, 7.2349, 92.5447 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(25, 0, 252) }
```


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

```
.border{ border-color:rgb(25, 0, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 0, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 0, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 0, 252);  
box-shadow:4px 4px 4px 4px rgb(25, 0, 252)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.9716, 7.2349, 92.5447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 0, 252) }
```

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

```
.background{ background-color: rgb(25, 0,  
252) }
```

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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