

Converting Colors

XYZ(17.2942, 6.9907, 89.9607)

Have a look what the booklet for
XYZ(17.2942, 6.9907, 89.9607)
contains.

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Color

**XYZ(17.3125, 6.9980,
90.0608)**

Conversions

Conversions Part 1

Format	Color
Hex	0E03F9
RGB	14, 3, 249
RGB Percent	5%, 1%, 98%
CMY	0.9449, 0.9883, 0.0235
CMYK	0.94, 0.99, 0.00, 0.02
HSL	243°, 98%, 49%
HSV	243°, 99%, 98%
XYZ	17.3125, 6.9980, 90.0608
YIQ	34.3330, -72.4100, 78.8380

Conversions

Conversions Part 2

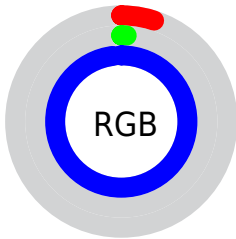
Format	Color
R _Y B	14, 3, 249
Decimal	918521
CIE Lab	31.80, 77.38, -105.32
CIE LCh	32, 130.694, 306.306
Yxy	6.9980, 0.1514, 0.0612
Android (android.graphics.Color)	4279108601 (0xFF0E03F9)
YUV	34.3330, 105.8308, -17.8320
Hunter-Lab	26.4537, 70.5243, -183.3331

Details

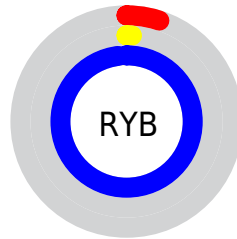
The XYZ color **17.3125, 6.9980, 90.0608** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **69.1249, 85.9213, 13.0266**, and the grayscale version is **1.4724, 1.5491, 1.6870**.

A 20% lighter version of the original color is **28.2525, 15.9197, 96.1915**, and **9.4040, 3.7616, 49.5206** is the 20% darker color. If you saturate the color by 10%, you get **17.2398, 6.9122, 90.0484**, and if you desaturate by 10%, it is **18.3045, 8.0731, 90.2163**.

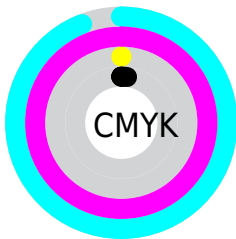
Distribution



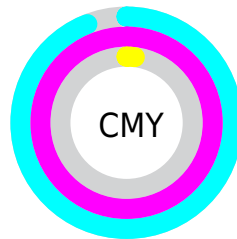
- Red (5%)
- Green (1%)
- Blue (98%)



- Red (5%)
- Yellow (1%)
- Blue (98%)



- Cyan (94%)
- Magenta (99%)
- Yellow (0%)
- Black (2%)



- Cyan (94%)
- Magenta (99%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3125, 6.9980, 90.0608 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 17.3125, 6.9980, 90.0608 by changing the saturation by 10% instead.

■ 17.3125, 6.9980,
90.0608

■ 17.3125, 6.9980,
90.0608

230.0881,
167.6471, 548.8038

■ 10.5542, 3.4608,
67.4571

■ 38.4016, 19.9692,
149.3591

■ 5.8330, 1.3768,
48.9922

■ 53.4632, 30.1720,
186.8908

■ 2.7835, 0.1995,
34.2478

■ 72.0233, 43.3655,
230.2355

■ 1.0403, 0.0000,
22.8051

■ 94.4471, 59.9341,
279.8118

■ 0.0000, 0.0000,
14.2457

■ 121.1002, 80.2622,
336.0382


■ 0.0000, 0.0000,
8.1511


■ 152.3478,


■ 0.0000, 0.0000,


104.7341, 399.3334


4.1026


 188.5554,
133.7342, 470.1157

 0.0000, 0.0000,
1.6818


 0.0000, 0.0000,
0.3482


 17.3125, 6.9980,
90.0608


 17.3125, 6.9980,
90.0608

 17.2398, 6.9122,
90.0484

 18.3045, 8.0731,
90.2163

 20.3242, 10.3770,
90.5546

 23.5822, 14.1919,
91.1192

 28.2346, 19.7177,
91.9406

■ 34.4145, 27.1236,
93.0444

■ 42.2395, 36.5586,
94.4531

■ 51.8158, 48.1567,
96.1870

■ 63.2403, 62.0404,
98.2647

■ 76.6033, 78.3230,
100.7033

Harmonies

Analogous

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



8.1408, 6.9980, 130.2712



17.3125, 6.9980, 90.0608



26.2766, 6.9980, 33.4397

Triad

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



17.3125, 6.9980, 90.0608



13.1441, 6.9980, 0.0000



0.1752, 6.9980, 12.3351

Complementary

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



17.3125, 6.9980, 90.0608



69.1249, 85.9213, 13.0266

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.



0.4248, 6.9980, 0.1617



17.3125, 6.9980, 90.0608



5.3557, 6.9980, 0.0000

Square

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



17.3125, 6.9980, 90.0608



22.9532, 6.9980, 0.0000



1.6194, 6.9980, 0.0000



0.7753, 6.9980, 55.5413

Rectangle

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



17.3125, 6.9980, 90.0608



28.9638, 6.9980, 10.2016



1.6194, 6.9980, 0.0000



0.1625, 6.9980, 5.5148

Sweetspot

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



17.3132, 6.9980, 90.0611



53.3486, 49.1986, 101.2922



48.5322, 69.6507, 100.5089



10.4771, 9.3893, 21.5101



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.



17.3132, 6.9980, 90.0611



18.1945, 7.2945, 95.0568



26.9928, 11.9880, 90.5141



16.3553, 16.6803, 21.7429



9.2592, 3.7160, 48.2028



0.8822, 0.3569, 4.4656

Inverse Universe

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



54.5201, 26.3727, 83.0436



57.4955, 27.7622, 87.5304



41.3344, 71.5947, 11.7260



17.9573, 17.5103, 21.6308



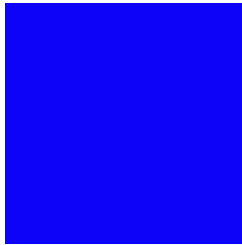
29.1706, 14.0840, 44.4684



2.7119, 1.3085, 4.1720

Previews

White Background



This preview shows how the XYZ color 17.3125, 6.9980, 90.0608 looks on a white background.

Color Contrast Check

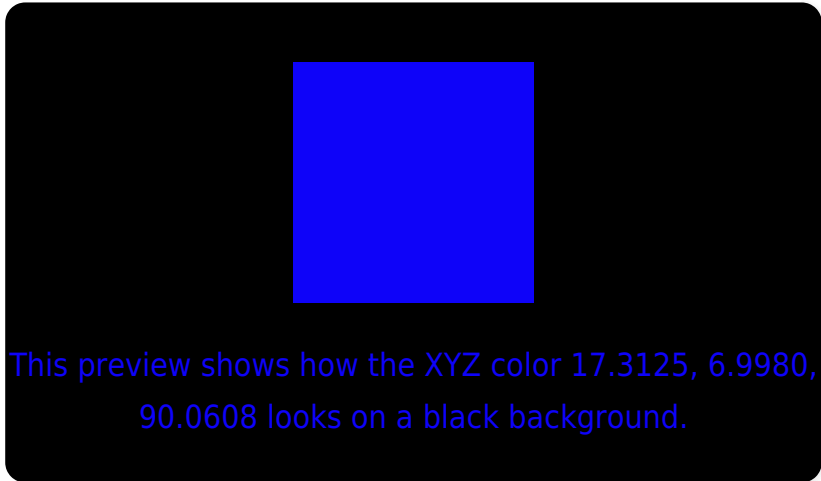
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

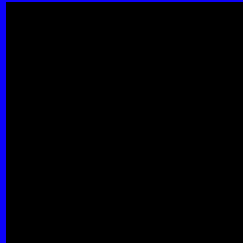
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.3125, 6.9980, 90.0608

Background



This preview shows how black text looks on a background with the XYZ color 17.3125, 6.9980, 90.0608.



This preview shows how white text looks on a background with the XYZ color 17.3125, 6.9980,

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

17.3125, 6.9980, 90.0608

Protanopia

8.1323, 7.0650, 31.0721

Deuteranopia

6.6868, 7.0338, 21.7741



Tritanopia

4.9318, 7.0452, 10.3325

Trichromacy



Original Color

17.3125, 6.9980, 90.0608

Protanomaly

10.1966, 5.7770, 48.1546

Deuteranomaly

8.7892, 5.4170, 40.1175

Tritanomaly

6.6952, 4.8712, 28.1911

Monochromacy



Original Color

17.3125, 6.9980, 90.0608

Achromatopsia

1.5204, 1.5996, 1.7420

Achromatomaly

3.6830, 2.0157, 15.5242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3125, 6.9980, 90.0608 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(14, 3, 249)` looks like.

```
.text, #text, p{  
    color:rgb(14, 3, 249)  
}
```

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(14, 3, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 3, 249) }
```

Border

The CSS property to change the border of an element to XYZ 17.3125, 6.9980, 90.0608 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(14, 3, 249) }
```


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

```
.border{ border-color:rgb(14, 3, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 3, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 3, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 3, 249);  
box-shadow:4px 4px 4px 4px rgb(14, 3, 249)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.3125, 6.9980, 90.0608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 3, 249) }
```

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

```
.background{ background-color: rgb(14, 3,  
249) }
```

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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