

Converting Colors

XYZ(17.1025, 7.2569, 88.7785)

Have a look what the booklet for
XYZ(17.1025, 7.2569, 88.7785)
contains.

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Color

**XYZ(17.0567, 7.2517,
88.4964)**

Conversions

Conversions Part 1

Format	Color
Hex	0015F7
RGB	0, 21, 247
RGB Percent	0%, 8%, 97%
CMY	0.9997, 0.9177, 0.0314
CMYK	1.00, 0.92, 0.00, 0.03
HSL	235°, 100%, 48%
HSV	235°, 100%, 97%
XYZ	17.0567, 7.2517, 88.4964
YIQ	40.4850, -85.0620, 65.8340

Conversions

Conversions Part 2

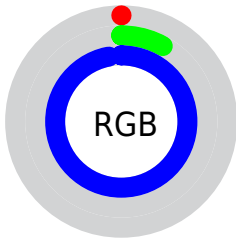
Format	Color
RYB	0, 19, 247
Decimal	5623
CIELab	32.37, 73.52, -103.24
CIELCh	32, 126.746, 305.455
Yxy	7.2517, 0.1512, 0.0643
Android (android.graphics.Color)	4278195703 (0xFF0015F7)
YUV	40.4850, 101.8119, -35.5053
Hunter-Lab	26.9290, 65.9354, -175.9938

Details

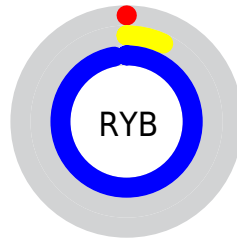
The XYZ color **17.0567, 7.2517, 88.4964** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **65.5798, 74.2174, 10.8712**, and the grayscale version is **1.9789, 2.0819, 2.2672**.

A 20% lighter version of the original color is **28.3172, 16.6635, 96.3316**, and **9.1853, 3.6741, 48.3692** is the 20% darker color. If you saturate the color by 10%, you get **17.0552, 7.2486, 88.4962**, and if you desaturate by 10%, it is **18.0696, 8.6905, 88.7210**.

Distribution



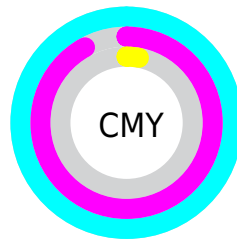
- Red (0%)
- Green (8%)
- Blue (97%)



- Red (0%)
- Yellow (7%)
- Blue (97%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (92%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0567, 7.2517, 88.4964 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 17.0567, 7.2517, 88.4964 by changing the saturation by 10% instead.

■ 17.0567, 7.2517,
88.4964

■ 17.0567, 7.2517,
88.4964

228.6488,
169.7390, 543.5708

■ 10.3705, 3.6200,
66.1676

■ 37.9661, 20.4778,
147.1653

■ 5.7094, 1.4634,
47.9511

■ 52.9199, 30.8410,
184.3424

■ 2.7082, 0.2627,
33.4285

■ 71.3603, 44.2168,
227.3060

■ 1.0014, 0.0000,
22.1811

■ 93.6527, 60.9896,
276.4747

■ 0.0000, 0.0000,
13.7904

■ 120.1624, 81.5439,
332.2670


■ 0.0000, 0.0000,
7.8380


■ 151.2547,


■ 0.0000, 0.0000,

106.2639, 395.1014

3.9052


 187.2951,
135.5342, 465.3965

 0.0000, 0.0000,
1.5735


 0.0000, 0.0000,
0.2718


 17.0567, 7.2517,
88.4964

 17.0567, 7.2517,
88.4964

 17.0552, 7.2486,
88.4962

 18.0696, 8.6905,
88.7210

 20.0383, 11.3003,
89.1210

 23.1828, 15.2915,
89.7257

 27.6509, 20.8216,
90.5576

■ 33.5686, 28.0268,
91.6365

■ 41.0469, 37.0281,
92.9797

■ 50.1862, 47.9354,
94.6033

■ 61.0783, 60.8495,
96.5220

■ 73.8083, 75.8645,
98.7492

Harmonies

Analogous

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



8.1578, 7.2517, 125.2806



17.0567, 7.2517, 88.4964



25.8137, 7.2517, 34.2767

Triad

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



17.0567, 7.2517, 88.4964



13.5435, 7.2517, 0.0000



0.3263, 7.2517, 11.8361

Complementary

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



17.0567, 7.2517, 88.4964



65.5798, 74.2174, 10.8712

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.



0.5919, 7.2517, 0.2212



17.0567, 7.2517, 88.4964



5.7653, 7.2517, 0.0000

Square

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



17.0567, 7.2517, 88.4964



23.0379, 7.2517, 0.0000



1.8702, 7.2517, 0.0000



0.8868, 7.2517, 52.5930

Rectangle

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



17.0567, 7.2517, 88.4964



28.5489, 7.2517, 11.1058



1.8702, 7.2517, 0.0000



0.3220, 7.2517, 5.3730

Sweetspot

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



17.0574, 7.2517, 88.4967



53.8693, 51.4327, 101.6960



46.4880, 71.8127, 80.7349



10.5954, 9.8952, 21.6015



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.



17.0574, 7.2517, 88.4967



18.3292, 7.7783, 95.1431



21.9182, 9.3611, 88.6476



15.6939, 16.1521, 20.8331



9.0607, 3.9151, 46.8162



0.8343, 0.4200, 4.1273

Inverse Universe

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



38.4939, 19.8300, 2.5074



41.3809, 21.3164, 2.6720



45.5158, 72.8394, 11.6627



16.5561, 16.5053, 17.4089



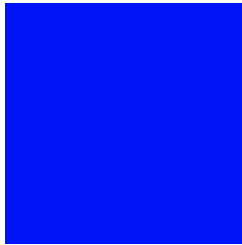
20.3779, 10.4946, 1.4326



1.8102, 0.9300, 0.2267

Previews

White Background



This preview shows how the XYZ color 17.0567, 7.2517, 88.4964 looks on a white background.

Color Contrast Check

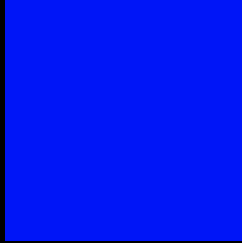
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0567, 7.2517, 88.4964 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 17.0567, 7.2517, 88.4964

Background



This preview shows how black text looks on a background with the XYZ color 17.0567, 7.2517, 88.4964.



This preview shows how white text looks on a background with the XYZ color 17.0567, 7.2517,

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

17.0567, 7.2517, 88.4964

Protanopia

8.2815, 7.2307, 31.5310

Deuteranopia

6.8927, 7.2307, 22.5051



Tritanopia

5.0100, 7.2016, 10.3585

Trichromacy



Original Color

17.0567, 7.2517, 88.4964

Protanomaly

10.4433, 6.3632, 48.2548

Deuteranomaly

9.0559, 6.0432, 40.2243

Tritanomaly

6.9109, 5.5206, 27.8955

Monochromacy



Original Color

17.0567, 7.2517, 88.4964

Achromatopsia

2.0169, 2.1219, 2.3108

Achromatomaly

4.0393, 2.5322, 16.4955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0567, 7.2517, 88.4964 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(0, 21, 247)` looks like.

```
.text, #text, p{  
    color:rgb(0, 21, 247)  
}
```

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(0, 21, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 21, 247) }
```

Border

The CSS property to change the border of an element to XYZ 17.0567, 7.2517, 88.4964 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(0, 21, 247) }
```


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

```
.border{ border-color:rgb(0, 21, 247) }
```

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

Here you see how a box with a 4 pixel rgb(0, 21, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 21, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 21, 247);  
box-shadow:4px 4px 4px 4px rgb(0, 21, 247)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.0567, 7.2517, 88.4964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 21, 247) }
```

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

```
.background{ background-color: rgb(0, 21,  
247) }
```

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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