

Converting Colors

XYZ(17.2746, 6.9742, 88.0594)

Have a look what the booklet for
XYZ(17.2746, 6.9742, 88.0594)
contains.

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Color

**XYZ(17.3536, 7.0067,
88.4335)**

Conversions

Conversions Part 1

Format	Color
Hex	1F00F7
RGB	31, 0, 247
RGB Percent	12%, 0%, 97%
CMY	0.8783, 1.0000, 0.0314
CMYK	0.87, 1.00, 0.00, 0.03
HSL	248°, 100%, 48%
HSV	248°, 100%, 97%
XYZ	17.3536, 7.0067, 88.4335
YIQ	37.4270, -60.8110, 83.3890

Conversions

Conversions Part 2

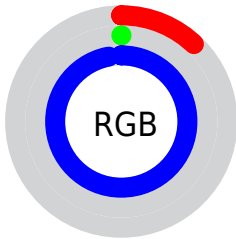
Format	Color
RYB	31, 0, 247
Decimal	2031863
CIELab	31.82, 77.52, -104.15
CIElCh	32, 129.834, 306.662
Yxy	7.0067, 0.1539, 0.0621
Android (android.graphics.Color)	4280221943 (0xFF1F00F7)
YUV	37.4270, 103.3195, -5.6365
Hunter-Lab	26.4702, 70.7001, -179.5513

Details

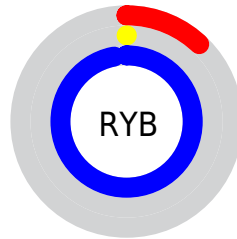
The XYZ color **17.3536, 7.0067, 88.4335** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **61.5709, 81.1161, 12.4119**, and the grayscale version is **1.7157, 1.8050, 1.9657**.

A 20% lighter version of the original color is **28.7607, 16.0865, 96.1969**, and **9.1853, 3.6741, 48.3692** is the 20% darker color. If you saturate the color by 10%, you get **17.3546, 7.0072, 88.4339**, and if you desaturate by 10%, it is **18.5785, 8.1448, 88.5889**.

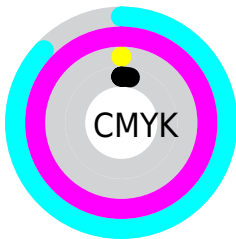
Distribution



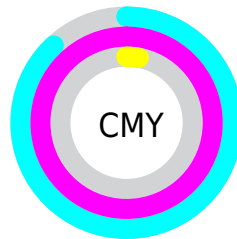
- Red (12%)
- Green (0%)
- Blue (97%)



- Red (12%)
- Yellow (0%)
- Blue (97%)



- Cyan (87%)
- Magenta (100%)
- Yellow (0%)
- Black (3%)



- Cyan (88%)
- Magenta (100%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3536, 7.0067, 88.4335 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 17.3536, 7.0067, 88.4335 by changing the saturation by 10% instead.

■ 17.3536, 7.0067,
88.4335

■ 17.3536, 7.0067,
88.4335

230.3186,
167.7193, 543.3599

■ 10.5838, 3.4663,
66.1158

■ 38.4715, 19.9867,
147.0770

■ 5.8529, 1.3797,
47.9093

■ 53.5503, 30.1951,
184.2398

■ 2.7957, 0.2017,
33.3956

■ 72.1295, 43.3949,
227.1880

■ 1.0466, 0.0000,
22.1561

■ 94.5745, 59.9705,
276.3403

■ 0.0000, 0.0000,
13.7722

■ 121.2505, 80.3064,
332.1150


■ 0.0000, 0.0000,
7.8255


■ 152.5230,


■ 0.0000, 0.0000,


104.7869, 394.9309


3.8973


 188.7572,
133.7964, 465.2063

 0.0000, 0.0000,
1.5692


 0.0000, 0.0000,
0.2687


 17.3536, 7.0067,
88.4335


 17.3536, 7.0067,
88.4335

 17.3546, 7.0072,
88.4339

 18.5785, 8.1448,
88.5889

 20.7450, 10.4104,
88.9121

 24.0491, 14.1035,
89.4507

 28.6240, 19.4122,
90.2343

■ 34.5838, 26.4961,
91.2875

■ 42.0299, 35.4950,
92.6320

■ 51.0539, 46.5349,
94.2873

■ 61.7402, 59.7311,
96.2712

■ 74.1670, 75.1902,
98.6002

Harmonies

Analogous

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



8.2288, 7.0067, 128.6011



17.3536, 7.0067, 88.4335



26.1847, 7.0067, 32.6651

Triad

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



17.3536, 7.0067, 88.4335



12.9924, 7.0067, 0.0000



0.2003, 7.0067, 12.6203

Complementary

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



17.3536, 7.0067, 88.4335



61.5709, 81.1161, 12.4119

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.



0.4383, 7.0067, 0.2399



17.3536, 7.0067, 88.4335



5.3039, 7.0067, 0.0000

Square

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



17.3536, 7.0067, 88.4335



22.7137, 7.0067, 0.0000



1.6174, 7.0067, 0.0000



0.8059, 7.0067, 55.7218

Rectangle

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



17.3536, 7.0067, 88.4335



28.7775, 7.0067, 9.9260



1.6174, 7.0067, 0.0000



0.1843, 7.0067, 5.7171

Sweetspot

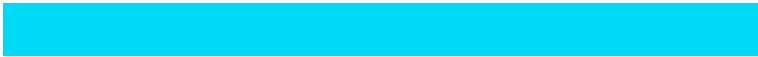
The Sweet Spot groups the original color and five complimentary colors.



17.3546, 7.0072, 88.4339



54.8364, 49.9656, 101.3619



41.9076, 56.9536, 96.7804



10.8154, 9.5637, 21.5259



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.



17.3546, 7.0072, 88.4339



18.6468, 7.5276, 95.0779



29.7969, 13.4214, 89.0162



15.7746, 16.0264, 20.8046



9.2411, 3.7383, 46.7725



0.8726, 0.3597, 4.1137

Inverse Universe

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



50.7487, 24.7305, 67.0441



54.5545, 26.5858, 72.0432



37.9474, 68.9378, 11.3063



17.1188, 16.7304, 20.3719



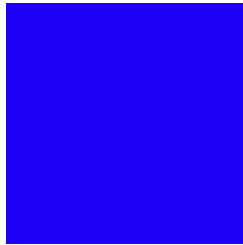
26.8759, 13.0938, 35.6505



2.3867, 1.1607, 3.2629

Previews

White Background



This preview shows how the XYZ color 17.3536, 7.0067, 88.4335 looks on a white background.

Color Contrast Check

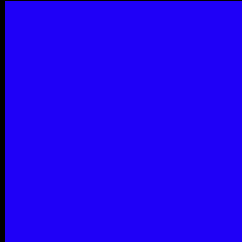
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3536, 7.0067, 88.4335 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 17.3536, 7.0067, 88.4335

Background



This preview shows how black text looks on a background with the XYZ color 17.3536, 7.0067, 88.4335.



This preview shows how white text looks on a background with the XYZ color 17.3536, 7.0067,

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

17.3536, 7.0067, 88.4335

Protanopia

8.1323, 7.0650, 31.0721

Deuteranopia

6.7537, 7.0605, 22.1259



Tritanopia

4.9318, 7.0452, 10.3325

Trichromacy



Original Color

17.3536, 7.0067, 88.4335

Protanomaly

10.0846, 5.6130, 47.5656

Deuteranomaly

8.8214, 5.3695, 40.1066

Tritanomaly

6.5994, 4.6927, 27.7521

Monochromacy



Original Color

17.3536, 7.0067, 88.4335

Achromatopsia

1.7584, 1.8500, 2.0147

Achromatomaly

4.0004, 2.2028, 15.8371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3536, 7.0067, 88.4335 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(31, 0, 247)` looks like.

```
.text, #text, p{  
    color:rgb(31, 0, 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(31, 0, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 0, 247) }
```

Border

The CSS property to change the border of an element to XYZ 17.3536, 7.0067, 88.4335 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(31, 0, 247) }
```


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

```
.border{ border-color:rgb(31, 0, 247) }
```

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

Here you see how a box with a 4 pixel rgb(31, 0, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 0, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 0, 247);  
box-shadow:4px 4px 4px 4px rgb(31, 0, 247)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.3536, 7.0067, 88.4335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 0, 247) }
```

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

```
.background{ background-color: rgb(31, 0,  
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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