

Converting Colors

XYZ(17.3934, 7.3634, 82.9426)

Have a look what the booklet for
XYZ(17.3934, 7.3634, 82.9426)
contains.

XYZ(17.3934, 7.3634, 82.9426)	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(17.3934, 7.3634,
82.9426)**

Conversions

Conversions Part 1

Format	Color
Hex	360DF0
RGB	54, 13, 240
RGB Percent	21%, 5%, 94%
CMY	0.7882, 0.9491, 0.0588
CMYK	0.77, 0.95, 0.00, 0.06
HSL	251°, 90%, 50%
HSV	251°, 95%, 94%
XYZ	17.3934, 7.3634, 82.9426
YIQ	51.1370, -48.4310, 79.2890

Conversions

Conversions Part 2

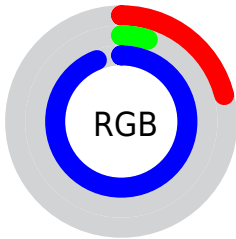
Format	Color
R_{YB}	54, 13, 240
Decimal	3542512
CIE _{Lab}	32.62, 74.30, -98.83
CIE _{LCh}	33, 123.643, 306.936
Yxy	7.3634, 0.1615, 0.0684
Android (android.graphics.Color)	4281732592 (0xFF360DF0)
YUV	51.1370, 93.1095, 2.5109
Hunter-Lab	27.1356, 66.9279, -162.2308

Details

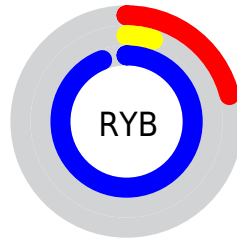
The XYZ color **17.3934, 7.3634, 82.9426** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **54.7780, 74.4874, 11.8707**, and the grayscale version is **3.0620, 3.2214, 3.5081**.

A 20% lighter version of the original color is **30.3073, 17.3754, 96.3642**, and **8.4435, 3.3774, 44.4628** is the 20% darker color. If you saturate the color by 10%, you get **16.7404, 6.8131, 82.8711**, and if you desaturate by 10%, it is **19.1886, 9.0565, 83.1751**.

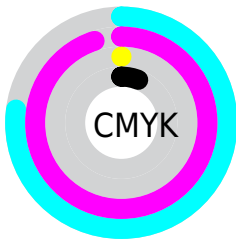
Distribution



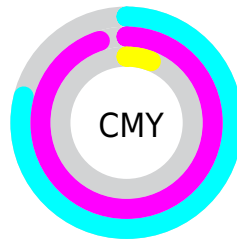
- Red (21%)
- Green (5%)
- Blue (94%)



- Red (21%)
- Yellow (5%)
- Blue (94%)



- Cyan (77%)
- Magenta (95%)
- Yellow (0%)
- Black (6%)



- Cyan (79%)
- Magenta (95%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.3934, 7.3634, 82.9426 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 17.3934, 7.3634, 82.9426 by changing the saturation by 10% instead.


 17.3934, 7.3634,
82.9426

 17.3934, 7.3634,
82.9426


230.5416,
170.6500, 524.7612


 10.6124, 3.6904,
61.6025


 38.5392, 20.7006,
139.3436


 5.8722, 1.5019,
44.2778


 53.6347, 31.1336,
175.2415

 2.8075, 0.2901,
30.5502


 72.2324, 44.5888,
216.8291

 1.0528, 0.0000,
20.0010

 94.6977, 61.4504,
264.5249

 0.0000, 0.0000,
12.2117

 121.3959, 82.1030,
318.7475

 0.0000, 0.0000,
6.7637


 152.6924,


 0.0000, 0.0000,

106.9308, 379.9154

3.2386


 188.9525,
136.3184, 448.4471


 0.0000, 0.0000,
1.2177


 0.0000, 0.0000,
0.0000


 17.3934, 7.3634,
82.9426


 17.3934, 7.3634,
82.9426

 16.7404, 6.8131,
82.8711

 19.1886, 9.0565,
83.1751

 21.9448, 11.9720,
83.5926

 25.7858, 16.2967,
84.2249

 30.8151, 22.1845,
85.0963

■ 37.1237, 29.7691,
86.2277

■ 44.7934, 39.1694,
87.6379

■ 53.8990, 50.4938,
89.3439

■ 64.5098, 63.8419,
91.3610

■ 76.6905, 79.3064,
93.7040

Harmonies

Analogous

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



8.6036, 7.3634, 119.9627



17.3934, 7.3634, 82.9426



25.7019, 7.3634, 31.4935

Triad

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



17.3934, 7.3634, 82.9426



13.0596, 7.3634, 0.0000



0.4362, 7.3634, 13.1098

Complementary

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



17.3934, 7.3634, 82.9426



54.7780, 74.4874, 11.8707

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.



0.6553, 7.3634, 0.5456



17.3934, 7.3634, 82.9426



5.6069, 7.3634, 0.0000

Square

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



17.3934, 7.3634, 82.9426



22.3032, 7.3634, 0.0000



1.8821, 7.3634, 0.0000



1.0327, 7.3634, 53.8135

Rectangle

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



17.3934, 7.3634, 82.9426



28.0868, 7.3634, 10.0673



1.8821, 7.3634, 0.0000



0.4184, 7.3634, 6.2667

Sweetspot

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



17.3941, 7.3634, 82.9429



58.0040, 53.1386, 101.8074



37.0531, 48.6950, 89.8845



11.4576, 10.1839, 21.6118



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.



17.3941, 7.3634, 82.9429



19.1807, 7.8029, 95.1029



31.2497, 14.5062, 83.5913



15.1637, 15.3661, 19.8883



9.2429, 3.7703, 45.3685



0.8432, 0.3519, 3.7777

Inverse Universe

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



46.3844, 22.9349, 55.9969



52.7377, 25.8591, 62.4763



35.3197, 64.4563, 10.9600



16.3245, 15.9795, 19.2652



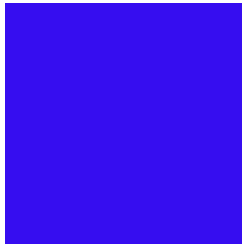
25.2101, 12.3565, 30.0867



2.1288, 1.0406, 2.6694

Previews

White Background



This preview shows how the XYZ color 17.3934, 7.3634, 82.9426 looks on a white background.

Color Contrast Check

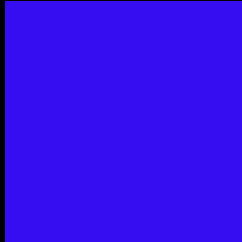
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3934, 7.3634, 82.9426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

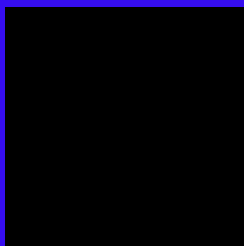
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.3934, 7.3634, 82.9426

Background



This preview shows how black text looks on a background with the XYZ color 17.3934, 7.3634, 82.9426.



This preview shows how white text looks on a background with the XYZ color 17.3934, 7.3634,

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

17.3934, 7.3634, 82.9426

Protanopia

8.4495, 7.2979, 32.4158

Deuteranopia

6.9608, 7.2579, 22.8638



Tritanopia

5.0940, 7.2352, 10.8009

Trichromacy



Original Color

17.3934, 7.3634, 82.9426

Protanomaly

10.4861, 6.1926, 47.6563

Deuteranomaly

9.0054, 5.8214, 39.1771

Tritanomaly

6.9633, 5.3210, 27.4481

Monochromacy



Original Color

17.3934, 7.3634, 82.9426

Achromatopsia

3.1466, 3.3105, 3.6051

Achromatomaly

5.4679, 3.4093, 18.1392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3934, 7.3634, 82.9426 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(54, 13, 240)` looks like.

```
.text, #text, p{  
    color:rgb(54, 13, 240)  
}
```

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(54, 13, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 13, 240) }
```

Border

The CSS property to change the border of an element to XYZ 17.3934, 7.3634, 82.9426 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(54, 13, 240) }
```


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

```
.border{ border-color:rgb(54, 13, 240) }
```

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

Here you see how a box with a 4 pixel rgb(54, 13, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 13, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 13, 240);  
box-shadow:4px 4px 4px 4px rgb(54, 13,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3934, 7.3634, 82.9426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 13, 240) }
```

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

```
.background{ background-color: rgb(54, 13,  
240) }
```

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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