

Converting Colors

XYZ(17.6698, 7.4191, 84.6612)

Have a look what the booklet for
XYZ(17.6698, 7.4191, 84.6612)
contains.

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Color

**XYZ(17.6569, 7.4122,
84.5045)**

Conversions

Conversions Part 1

Format	Color
Hex	360AF2
RGB	54, 10, 242
RGB Percent	21%, 4%, 95%
CMY	0.7882, 0.9609, 0.0510
CMYK	0.78, 0.96, 0.00, 0.05
HSL	251°, 92%, 49%
HSV	251°, 96%, 95%
XYZ	17.6569, 7.4122, 84.5045
YIQ	49.6040, -48.2480, 81.4800

Conversions

Conversions Part 2

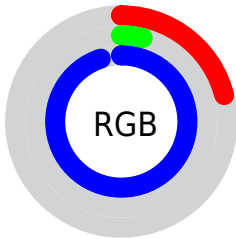
Format	Color
R_{YB}	54, 10, 242
Decimal	3541746
CIE _{Lab}	32.73, 75.26, -99.78
CIE _{LCh}	33, 124.985, 307.026
Yxy	7.4122, 0.1611, 0.0676
Android (android.graphics.Color)	4281731826 (0xFF360AF2)
YUV	49.6040, 94.8512, 3.8553
Hunter-Lab	27.2254, 68.1211, -164.9719

Details

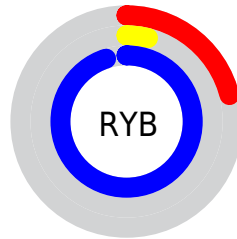
The XYZ color **17.6569, 7.4122, 84.5045** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **55.0868, 75.5276, 11.9615**, and the grayscale version is **2.8876, 3.0380, 3.3084**.

A 20% lighter version of the original color is **30.3976, 17.3205, 96.3488**, and **8.6517, 3.4607, 45.5594** is the 20% darker color. If you saturate the color by 10%, you get **17.1506, 6.9900, 84.4500**, and if you desaturate by 10%, it is **19.3994, 9.0062, 84.7206**.

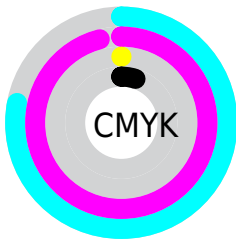
Distribution



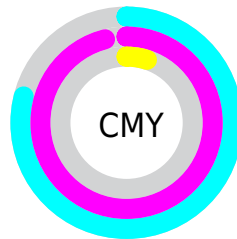
- Red (21%)
- Green (4%)
- Blue (95%)



- Red (21%)
- Yellow (4%)
- Blue (95%)



- Cyan (78%)
- Magenta (96%)
- Yellow (0%)
- Black (5%)



- Cyan (79%)
- Magenta (96%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6569, 7.4122, 84.5045 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 17.6569, 7.4122, 84.5045 by changing the saturation by 10% instead.

■ 17.6569, 7.4122,
84.5045

■ 17.6569, 7.4122,
84.5045

232.0132,
171.0461, 530.0888

■ 10.8021, 3.7212,
62.8843

■ 38.9865, 20.7978,
141.5487

■ 6.0003, 1.5189,
45.3072

■ 54.1920, 31.2611,
177.8097

■ 2.8859, 0.3019,
31.3547

■ 72.9119, 44.7507,
219.7881

■ 1.0937, 0.0000,
20.6084

■ 95.5114, 61.6510,
267.9023

■ 0.0198, 0.0000,
12.6496

■ 122.3559, 82.3462,
322.5709


■ 0.0000, 0.0000,
7.0598


■ 153.8108,


■ 0.0000, 0.0000,


107.2209, 384.2126

3.4205


 190.2415,
136.6594, 453.2457

 0.0000, 0.0000,
1.3132


 0.0000, 0.0000,
0.0725


 17.6569, 7.4122,
84.5045


 17.6569, 7.4122,
84.5045

 17.1506, 6.9900,
84.4500

 19.3994, 9.0062,
84.7206

 22.0970, 11.8148,
85.1206

 25.8776, 16.0335,
85.7356

 30.8474, 21.8222,
86.5910

■ 37.0995, 29.3190,
87.7085

■ 44.7172, 38.6462,
89.1073

■ 53.7767, 49.9153,
90.8050

■ 64.3484, 63.2283,
92.8175

■ 76.4981, 78.6804,
95.1597

Harmonies

Analogous

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



8.6982, 7.4122, 122.5839



17.6569, 7.4122, 84.5045



26.1274, 7.4122, 31.8731

Triad

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



17.6569, 7.4122, 84.5045



13.1825, 7.4122, 0.0000



0.4155, 7.4122, 13.3271

Complementary

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



17.6569, 7.4122, 84.5045



55.0868, 75.5276, 11.9615

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.



0.6346, 7.4122, 0.5344



17.6569, 7.4122, 84.5045



5.6159, 7.4122, 0.0000

Square

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



17.6569, 7.4122, 84.5045



22.6119, 7.4122, 0.0000



1.8612, 7.4122, 0.0000



1.0189, 7.4122, 54.9953

Rectangle

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



17.6569, 7.4122, 84.5045



28.5480, 7.4122, 10.0873



1.8612, 7.4122, 0.0000



0.3967, 7.4122, 6.3424

Sweetspot

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



17.6576, 7.4122, 84.5048



57.1116, 51.9015, 101.6156



36.6823, 47.5358, 91.2467



11.2955, 9.9545, 21.5760



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.



17.6576, 7.4122, 84.5048



19.2877, 7.8580, 95.1079



32.3965, 15.0104, 85.1945



15.1772, 15.3731, 19.8890



9.2977, 3.7986, 45.3710



0.8496, 0.3553, 3.7780

Inverse Universe

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



46.9156, 23.1697, 55.4053



52.4542, 25.7457, 60.9831



35.4144, 65.3861, 11.0409



16.3181, 15.9770, 19.2314



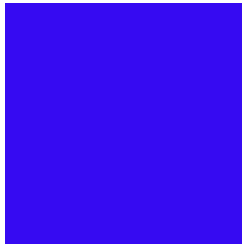
25.0768, 12.3031, 29.3845



2.1189, 1.0366, 2.6170

Previews

White Background



This preview shows how the XYZ color 17.6569, 7.4122, 84.5045 looks on a white background.

Color Contrast Check

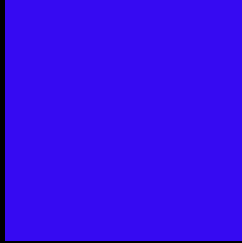
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6569, 7.4122, 84.5045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

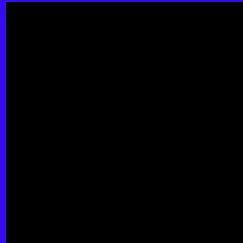
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.6569, 7.4122, 84.5045

Background



This preview shows how black text looks on a background with the XYZ color 17.6569, 7.4122, 84.5045.



This preview shows how white text looks on a background with the XYZ color 17.6569, 7.4122,

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

17.6569, 7.4122, 84.5045

Protanopia

8.5168, 7.4325, 32.4382

Deuteranopia

7.0335, 7.4033, 22.8881



Tritanopia

5.1733, 7.3938, 10.8273

Trichromacy



Original Color

17.6569, 7.4122, 84.5045

Protanomaly

10.4420, 6.1042, 47.6416

Deuteranomaly

9.1011, 5.8597, 39.6811

Tritanomaly

6.9124, 5.2192, 27.4311

Monochromacy



Original Color

17.6569, 7.4122, 84.5045

Achromatopsia

3.0317, 3.1896, 3.4735

Achromatomaly

5.3564, 3.2619, 18.1166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6569, 7.4122, 84.5045 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, 10, 242)` looks like.

```
.text, #text, p{  
    color:rgb(54, 10, 242)  
}
```

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, 10, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 10, 242) }
```

Border

The CSS property to change the border of an element to XYZ 17.6569, 7.4122, 84.5045 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, 10, 242) }
```


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

```
.border{ border-color:rgb(54, 10, 242) }
```

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

Here you see how a box with a 4 pixel rgb(54, 10, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 10, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 10, 242);  
box-shadow:4px 4px 4px 4px rgb(54, 10,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6569, 7.4122, 84.5045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 10, 242) }
```

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

```
.background{ background-color: rgb(54, 10,  
242) }
```

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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