

Converting Colors

XYZ(24.0290, 10.3494, 93.2010)

Have a look what the booklet for
XYZ(24.0290, 10.3494, 93.2010)
contains.

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Color

**XYZ(24.0011, 10.3433,
92.8269)**

Conversions

Conversions Part 1

Format	Color
Hex	6E00FC
RGB	110, 0, 252
RGB Percent	43%, 0%, 99%
CMY	0.5686, 1.0000, 0.0118
CMYK	0.56, 1.00, 0.00, 0.01
HSL	266°, 100%, 49%
HSV	266°, 100%, 99%
XYZ	24.0011, 10.3433, 92.8269
YIQ	61.6180, -15.3320, 101.6920

Conversions

Conversions Part 2

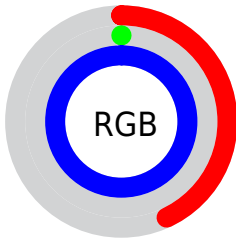
Format	Color
R_{YB}	110, 0, 252
Decimal	7209212
CIE _{Lab}	38.45, 81.33, -95.76
CIE _{LCh}	38, 125.636, 310.341
Yxy	10.3433, 0.1887, 0.0813
Android (android.graphics.Color)	4285399292 (0xFF6E00FC)
YUV	61.6180, 93.8583, 42.4310
Hunter-Lab	32.1610, 76.9292, -148.6171

Details

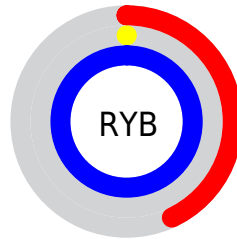
The XYZ color **24.0011, 10.3433, 92.8269** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **45.9647, 75.3712, 12.1255**, and the grayscale version is **4.3962, 4.6251, 5.0368**.

A 20% lighter version of the original color is **38.8232, 22.1874, 96.8441**, and **9.9513, 4.0052, 51.2875** is the 20% darker color. If you saturate the color by 10%, you get **24.0020, 10.3437, 92.8273**, and if you desaturate by 10%, it is **26.2647, 12.0326, 93.0340**.

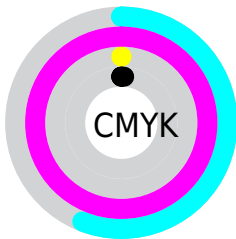
Distribution



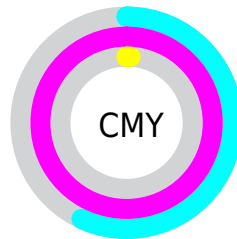
- Red (43%)
- Green (0%)
- Blue (99%)



- Red (43%)
- Yellow (0%)
- Blue (99%)



- Cyan (56%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)





- Cyan (57%)
- Magenta (100%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0011, 10.3433, 92.8269 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 24.0011, 10.3433, 92.8269 by changing the saturation by 10% instead.


 24.0011, 10.3433,
92.8269


 24.0011, 10.3433,
92.8269


265.2664,
193.1050, 557.9900


 15.4592, 5.6272,
69.7408


 49.4867, 26.4392,
153.2286


 9.2307, 2.6197,
50.8397


 67.1610, 38.5878,
191.3812


 4.9503, 0.9366,
35.7052


 88.6102, 53.9827,
235.3931

 2.2526, 0.0000,
23.9187

 114.1996, 73.0082,
285.6827

 0.7702, 0.0000,
15.0617

 144.2946, 96.0489,
342.6687

 0.0000, 0.0000,
8.7156

 179.2605,

 0.0000, 0.0000,

123.4889, 406.7695

4.4619

219.4626,
155.7128, 478.4038

■ 0.0000, 0.0000,
1.8820

■ 0.0000, 0.0000,
0.4812

■ 24.0011, 10.3433,
92.8269

■ 24.0011, 10.3433,
92.8269

■ 24.0020, 10.3437,
92.8273

■ 26.2647, 12.0326,
93.0340

■ 29.2770, 14.7818,
93.4059

■ 33.1902, 18.8762,
93.9899

■ 38.1001, 24.4911,
94.8149

■ 44.0885, 31.7743,
95.9051

■ 51.2278, 40.8552,
97.2816

■ 59.5832, 51.8502,
98.9635

■ 69.2148, 64.8658,
100.9681

■ 80.1784, 80.0000,
103.3115

Harmonies

Analogous

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



12.9460, 10.3433, 139.9944



24.0011, 10.3433, 92.8269



33.4518, 10.3433, 34.3483

Triad

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



24.0011, 10.3433, 92.8269



16.1560, 10.3433, 0.0000



1.0430, 10.3433, 21.4844

Complementary

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



24.0011, 10.3433, 92.8269



45.9647, 75.3712, 12.1255

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.



1.1990, 10.3433, 1.8717



24.0011, 10.3433, 92.8269



7.2606, 10.3433, 0.0000

Square

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



24.0011, 10.3433, 92.8269



27.4414, 10.3433, 0.0000



2.7435, 10.3433, 0.0000



2.0397, 10.3433, 73.2074

Rectangle

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



24.0011, 10.3433, 92.8269



35.5764, 10.3433, 10.9949



2.7435, 10.3433, 0.0000



0.9867, 10.3433, 11.5336

Sweetspot

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



24.0020, 10.3437, 92.8273



61.1912, 53.2416, 101.6593



27.3632, 26.6133, 95.7905



12.2891, 10.3234, 21.5949



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.



24.0020, 10.3437, 92.8273



24.6454, 10.6201, 95.3587



51.8979, 24.7246, 94.1328



17.0019, 17.0136, 21.7732



12.6651, 5.4718, 48.3622



1.2922, 0.5682, 4.4848

Inverse Universe

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



45.0270, 22.6483, 27.5870



46.2499, 23.2640, 28.3117



35.0381, 69.7384, 11.6142



17.6543, 17.3891, 20.0351



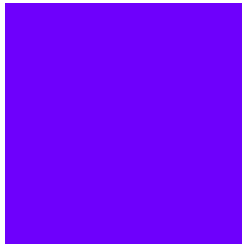
23.5304, 11.8279, 14.7675



2.2326, 1.1168, 1.6481

Previews

White Background



This preview shows how the XYZ color 24.0011, 10.3433, 92.8269 looks on a white background.

Color Contrast Check

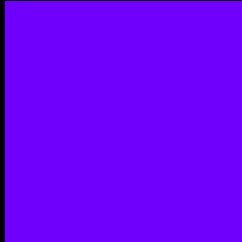
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.0011, 10.3433, 92.8269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0011, 10.3433, 92.8269

Background



This preview shows how black text looks on a background with the XYZ color 24.0011, 10.3433, 92.8269.



This preview shows how white text looks on a background with the XYZ color 24.0011, 10.3433,

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

24.0011, 10.3433, 92.8269

Protanopia

12.4353, 10.6899, 47.8623

Deuteranopia

10.1743, 10.4740, 33.8332



Tritanopia

8.6001, 10.6167, 15.2316

Trichromacy



Original Color

24.0011, 10.3433, 92.8269



Protanomaly

13.9711, 8.0305, 61.7865



Deuteranomaly

12.0054, 7.4886, 50.6819



Tritanomaly

10.9611, 7.4850, 33.6679

Monochromacy



Original Color

24.0011, 10.3433, 92.8269



Achromatopsia

4.5787, 4.8172, 5.2459



Achromatomaly

8.0467, 4.7520, 21.9658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0011, 10.3433, 92.8269 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(110, 0, 252)` looks like.

```
.text, #text, p{  
    color:rgb(110, 0, 252)  
}
```

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(110, 0, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 0, 252) }
```

Border

The CSS property to change the border of an element to XYZ 24.0011, 10.3433, 92.8269 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(110, 0, 252) }
```


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

```
.border{ border-color:rgb(110, 0, 252) }
```

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

Here you see how a box with a 4 pixel rgb(110, 0, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 0, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 0, 252);  
box-shadow:4px 4px 4px 4px rgb(110, 0,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0011, 10.3433, 92.8269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 0, 252) }
```

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

```
.background{ background-color: rgb(110, 0,  
252) }
```

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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