

Converting Colors

XYZ(26.6396, 14.5417, 93.0910)

Have a look what the booklet for
XYZ(26.6396, 14.5417, 93.0910)
contains.

XYZ(26.6634, 14.5219, 93.4931)	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>	30

Color

**XYZ(26.6634, 14.5219,
93.4931)**

Conversions

Conversions Part 1

Format	Color
Hex	7441FC
RGB	116, 65, 252
RGB Percent	45%, 25%, 99%
CMY	0.5451, 0.7451, 0.0118
CMYK	0.54, 0.74, 0.00, 0.01
HSL	256°, 97%, 62%
HSV	256°, 74%, 99%
XYZ	26.6634, 14.5219, 93.4931
YIQ	101.5670, -29.6310, 68.9690

Conversions

Conversions Part 2

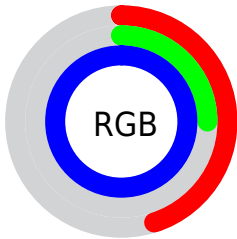
Format	Color
R _Y B	116, 65, 252
Decimal	7619068
CIE Lab	44.97, 64.50, -84.97
CIE LCh	45, 106.678, 307.202
Yxy	14.5219, 0.1980, 0.1078
Android (android.graphics.Color)	4285809148 (0xFF7441FC)
YUV	101.5670, 74.1635, 12.6577
Hunter-Lab	38.1076, 58.2058, -118.7866

Details

The XYZ color **26.6634, 14.5219, 93.4931** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **59.8504, 82.4194, 17.7550**, and the grayscale version is **12.3363, 12.9788, 14.1339**.

A 20% lighter version of the original color is **43.1188, 29.7606, 98.0795**, and **10.6738, 4.4099, 51.3276** is the 20% darker color. If you saturate the color by 10%, you get **23.3253, 11.1113, 93.0111**, and if you desaturate by 10%, it is **31.1284, 19.4700, 94.2132**.

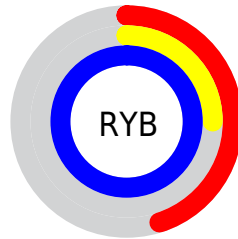
Distribution



Red (45%)

Green (25%)

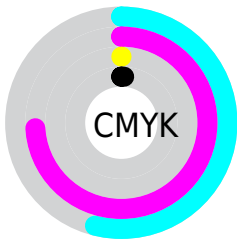
Blue (99%)



Red (45%)

Yellow (25%)

Blue (99%)

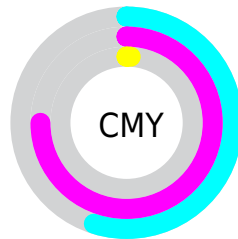


Cyan (54%)

Magenta (74%)

Yellow (0%)

Black (1%)



Cyan (55%)


Magenta (75%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6634, 14.5219, 93.4931 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 26.6634, 14.5219, 93.4931 by changing the saturation by 10% instead.

 26.6634, 14.5219,
93.4931

 26.6634, 14.5219,
93.4931


278.2210,
220.4539, 560.1901


 17.4559, 8.4845,
70.2915


 53.7670, 34.0122,
154.1587


 10.6574, 4.4065,
51.2859


 72.3937, 48.2340,
192.4598

 5.9025, 1.9035,
36.0579


 94.8909, 65.9527,
236.6311

 2.8260, 0.5505,
24.1889

 121.6239, 87.5527,
287.0912

 1.0624, 0.0000,
15.2603

 152.9580,
113.4184, 344.2586

 0.0000, 0.0000,
8.8536

189.2587,

 0.0000, 0.0000,

143.9343, 408.5519

4.5503

230.8913,
179.4846, 480.3895

■ 0.0000, 0.0000,
1.9318

■ 0.0000, 0.0000,
0.5129

■ 26.6634, 14.5219,
93.4931

■ 26.6634, 14.5219,
93.4931

■ 23.3253, 11.1113,
93.0111

■ 31.1284, 19.4700,
94.2132

■ 20.9899, 9.0362,
92.7337

■ 36.8197, 26.1203,
95.1969

■ 20.0063, 8.2839,
92.6403

■ 43.8281, 34.6165,
96.4675

■ 52.2343, 45.0867,
98.0454

■ 62.1123, 57.6473,
99.9492

■ 73.5308, 72.4055,
102.1960

■ 86.5539, 89.4610,
104.8016

■ 94.5708, 99.8083,
106.3763

Harmonies

Analogous

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



16.0189, 14.5219, 127.7844



26.6634, 14.5219, 93.4931



35.8189, 14.5219, 42.7593

Triad

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



26.6634, 14.5219, 93.4931



21.3934, 14.5219, 0.0000



2.9412, 14.5219, 22.6471

Complementary

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



26.6634, 14.5219, 93.4931



59.8504, 82.4194, 17.7550

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.



3.3827, 14.5219, 3.5327



26.6634, 14.5219, 93.4931



11.8008, 14.5219, 0.0000

Square

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



26.6634, 14.5219, 93.4931



31.9851, 14.5219, 0.9115



5.9302, 14.5219, 0.0000



4.2769, 14.5219, 66.4267

Rectangle

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



26.6634, 14.5219, 93.4931



38.3166, 14.5219, 18.2798



5.9302, 14.5219, 0.0000



2.9012, 14.5219, 13.5767

Sweetspot

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



26.6643, 14.5222, 93.4935



66.2409, 62.3474, 103.1507



40.9026, 50.4558, 99.6790



13.5359, 12.5200, 21.9531



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.



26.6643, 14.5222, 93.4935



22.6783, 10.2242, 95.3859



45.5767, 24.2720, 94.3786



16.7273, 16.8720, 21.7603



10.5418, 4.3772, 48.2628



1.0734, 0.4554, 4.4745

Inverse Universe

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



52.5772, 28.6928, 58.0217



51.2929, 25.9475, 52.8137



42.0263, 73.2307, 16.9209



17.7792, 17.4390, 20.6929



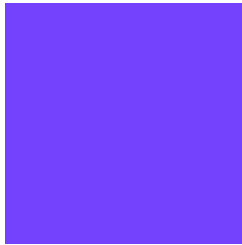
25.4438, 12.5932, 24.8432



2.4010, 1.1841, 2.5352

Previews

White Background



This preview shows how the XYZ color 26.6634, 14.5219, 93.4931 looks on a white background.

Color Contrast Check

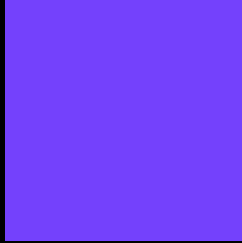
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6634, 14.5219, 93.4931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

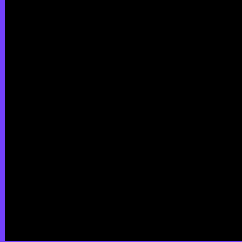
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.6634, 14.5219, 93.4931

Background



This preview shows how black text looks on a background with the XYZ color 26.6634, 14.5219, 93.4931.



This preview shows how white text looks on a background with the XYZ color 26.6634, 14.5219,

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

26.6634, 14.5219, 93.4931

Deuteranopia

14.2256, 14.4401, 47.9364

Tritanopia

11.9178, 14.3465, 20.2302

Trichromacy



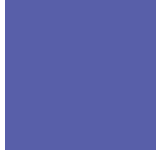
Original Color

26.6634, 14.5219, 93.4931



Deuteranomaly

16.3778, 12.9244, 61.9531



Tritanomaly

15.2781, 13.1237, 39.2640

Monochromacy



Original Color

26.6634, 14.5219, 93.4931



Achromatopsia

12.6291, 13.2868, 14.4694



Achromatomaly

15.7216, 12.7049, 33.5220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6634, 14.5219, 93.4931 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(116, 65, 252)` looks like.

```
.text, #text, p{  
  color:rgb(116, 65, 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(116, 65, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 65, 252) }
```

Border

The CSS property to change the border of an element to XYZ 26.6634, 14.5219, 93.4931 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(116, 65, 252) }
```

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

```
.border{ border-color:rgb(116, 65, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 65, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 65, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 65, 252); box-shadow:4px 4px 4px 4px rgb(116, 65, 252) }
```


Background

The CSS property to change the background color of an element to XYZ 26.6634, 14.5219, 93.4931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 65, 252) }
```

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

```
.background{ background-color: rgb(116, 65,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor