

Converting Colors

XYZ(24.0858, 14.4833, 96.1338)

Have a look what the booklet for
XYZ(24.0858, 14.4833, 96.1338)
contains.

XYZ(24.0704, 14.4742, 96.1329)	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(24.0704, 14.4742,
96.1329)**

Conversions

Conversions Part 1

Format	Color
Hex	4F4FFF
RGB	79, 79, 255
RGB Percent	31%, 31%, 100%
CMY	0.6902, 0.6902, 0.0000
CMYK	0.69, 0.69, 0.00, 0.00
HSL	240°, 100%, 65%
HSV	240°, 69%, 100%
XYZ	24.0704, 14.4742, 96.1329
YIQ	99.0640, -56.4960, 54.7360

Conversions

Conversions Part 2

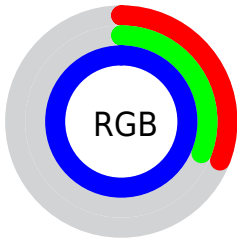
Format	Color
R _Y B	79, 79, 255
Decimal	5197823
CIE Lab	44.91, 53.81, -86.86
CIE LCh	45, 102.178, 301.781
Yxy	14.4742, 0.1787, 0.1075
Android (android.graphics.Color)	4283387903 (0xFF4F4FFF)
YUV	99.0640, 76.8764, -17.5961
Hunter-Lab	38.0450, 46.3552, -123.1838

Details

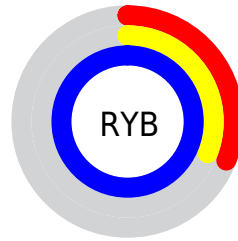
The XYZ color **24.0704, 14.4742, 96.1329** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **78.4066, 93.3421, 21.2812**, and the grayscale version is **11.6996, 12.3089, 13.4044**.

A 20% lighter version of the original color is **38.2947, 29.3101, 98.2468**, and **10.5946, 5.0642, 53.2424** is the 20% darker color. If you saturate the color by 10%, you get **20.8412, 10.5827, 95.5520**, and if you desaturate by 10%, it is **28.8188, 20.1949, 96.9868**.

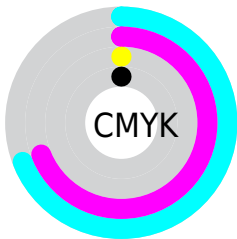
Distribution



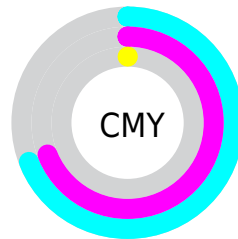
- Red (31%)
- Green (31%)
- Blue (100%)



- Red (31%)
- Yellow (31%)
- Blue (100%)



- Cyan (69%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)





- Cyan (69%)
- Magenta (69%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0704, 14.4742, 96.1329 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 24.0704, 14.4742, 96.1329 by changing the saturation by 10% instead.


 24.0704, 14.4742,
96.1329


 24.0704, 14.4742,
96.1329


265.6101,
220.1612, 568.8622


 15.5109, 8.4512,
72.4762


 49.5989, 33.9281,
157.8378

 9.2673, 4.3850,
53.0585


 67.2986, 48.1278,
196.7231


 4.9745, 1.8912,
37.4614


 88.7757, 65.8218,
241.5217

 2.2669, 0.5431,
25.2664

 114.3956, 87.3946,
292.6520

 0.7776, 0.0000,
16.0548

 144.5236,
113.2306, 350.5327

 0.0000, 0.0000,
9.4082

179.5251,

 0.0000, 0.0000,

143.7141, 415.5823

4.9079

219.7655,
179.2295, 488.2193

■ 0.0000, 0.0000,
2.1355

■ 0.0000, 0.0000,
0.6368

■ 24.0704, 14.4742,
96.1329

■ 24.0704, 14.4742,
96.1329

■ 20.8412, 10.5827,
95.5520

■ 28.8188, 20.1949,
96.9868

■ 18.9445, 8.2975,
95.2108

■ 35.2394, 27.9312,
98.1417

■ 18.1086, 7.2905,
95.0605

■ 43.4692, 37.8476,
99.6220

■ 18.0502, 7.2201,
95.0500

■ 53.6304, 50.0913,
101.4497

■ 65.8346, 64.7967,
103.6449

■ 80.1849, 82.0881,
106.2261

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



14.2627, 14.4742, 120.9617



24.0704, 14.4742, 96.1329



33.3210, 14.4742, 49.0561

Triad

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



24.0704, 14.4742, 96.1329



22.8364, 14.4742, 0.0000



3.1376, 14.4742, 17.2336

Complementary

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



24.0704, 14.4742, 96.1329



78.4066, 93.3421, 21.2812

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.



3.9023, 14.4742, 2.4804



24.0704, 14.4742, 96.1329



13.2640, 14.4742, 0.0000

Square

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



24.0704, 14.4742, 96.1329



32.4285, 14.4742, 1.8262



6.9127, 14.4742, 0.0000



4.1218, 14.4742, 54.5280

Rectangle

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



24.0704, 14.4742, 96.1329



36.5667, 14.4742, 23.2937



6.9127, 14.4742, 0.0000



3.1967, 14.4742, 10.0558

Sweetspot

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



24.0712, 14.4745, 96.1329



63.2513, 61.6839, 103.1802



57.0343, 80.4022, 107.1209



12.7969, 12.3095, 21.9514



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.



24.0712, 14.4745, 96.1329



19.9383, 9.4948, 95.3896



36.7820, 21.0271, 96.7278



17.0032, 17.3779, 22.7080



9.4317, 3.7727, 49.6657



0.9184, 0.3674, 4.8358

Inverse Universe

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



62.0838, 34.0709, 97.9013



60.1642, 30.2323, 97.2595



53.1074, 80.2999, 20.0972



18.7927, 18.3004, 22.7915



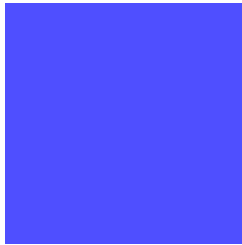
30.9788, 14.8808, 50.6662



3.0163, 1.4489, 4.9333

Previews

White Background



This preview shows how the XYZ color 24.0704, 14.4742, 96.1329 looks on a white background.

Color Contrast Check

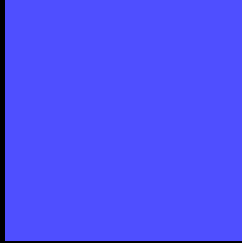
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0704, 14.4742, 96.1329 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 24.0704, 14.4742, 96.1329

Background



This preview shows how black text looks on a background with the XYZ color 24.0704, 14.4742, 96.1329.



This preview shows how white text looks on a background with the XYZ color 24.0704, 14.4742,

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

24.0704, 14.4742, 96.1329

Protanopia

16.8890, 14.3578, 65.4995

Deuteranopia

13.9098, 14.1440, 46.7967



Tritanopia

10.0630, 14.2032, 21.6132

Trichromacy



Original Color

24.0704, 14.4742, 96.1329

Protanomaly

18.6523, 13.9238, 75.8332

Deuteranomaly

16.2900, 13.4140, 62.0522

Tritanomaly

12.8033, 12.9403, 40.8526

Monochromacy



Original Color

24.0704, 14.4742, 96.1329

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

14.2415, 12.3299, 33.0818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0704, 14.4742, 96.1329 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(79, 79, 255)` looks like.

```
.text, #text, p{  
    color:rgb(79, 79, 255)  
}
```

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(79, 79, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 79, 255) }
```

Border

The CSS property to change the border of an element to XYZ 24.0704, 14.4742, 96.1329 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(79, 79, 255) }
```


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

```
.border{ border-color:rgb(79, 79, 255) }
```

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

Here you see how a box with a 4 pixel rgb(79, 79, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 79, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 79, 255);  
box-shadow:4px 4px 4px 4px rgb(79, 79,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0704, 14.4742, 96.1329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 79, 255) }
```

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

```
.background{ background-color: rgb(79, 79,  
255) }
```

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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