

Converting Colors

XYZ(23.5026, 14.0957, 95.1693)

Have a look what the booklet for
XYZ(23.5026, 14.0957, 95.1693)
contains.

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Color

**XYZ(23.5154, 14.1004,
95.2482)**

Conversions

Conversions Part 1

Format	Color
Hex	4B4EFE
RGB	75, 78, 254
RGB Percent	29%, 31%, 100%
CMY	0.7058, 0.6941, 0.0039
CMYK	0.70, 0.69, 0.00, 0.00
HSL	239°, 99%, 65%
HSV	239°, 70%, 100%
XYZ	23.5154, 14.1004, 95.2482
YIQ	97.1670, -58.2840, 54.1000

Conversions

Conversions Part 2

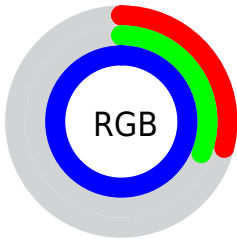
Format	Color
R_{YB}	75, 78, 254
Decimal	4935422
CIE _{Lab}	44.38, 53.64, -87.18
CIE _{LCh}	44, 102.362, 301.605
Yxy	14.1004, 0.1770, 0.1061
Android (android.graphics.Color)	4283125502 (0xFF4B4EFE)
YUV	97.1670, 77.3187, -19.4405
Hunter-Lab	37.5505, 46.0694, -124.1059

Details

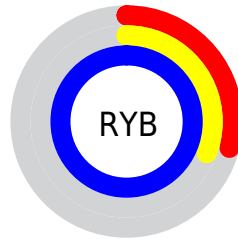
The XYZ color **23.5154, 14.1004, 95.2482** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **76.6449, 90.5816, 20.1030**, and the grayscale version is **11.2306, 11.8154, 12.8670**.

A 20% lighter version of the original color is **37.6232, 28.7693, 98.1778**, and **10.4538, 4.9655, 52.6320** is the 20% darker color. If you saturate the color by 10%, you get **20.4599, 10.3723, 94.6901**, and if you desaturate by 10%, it is **28.0383, 19.5841, 96.0687**.

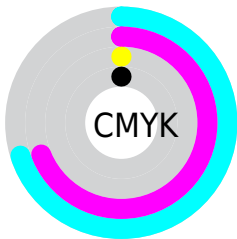
Distribution



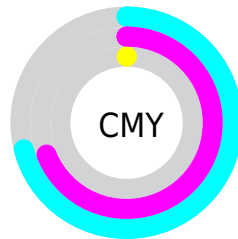
- Red (29%)
- Green (31%)
- Blue (100%)



- Red (29%)
- Yellow (31%)
- Blue (100%)



- Cyan (70%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (69%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5154, 14.1004, 95.2482 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 23.5154, 14.1004, 95.2482 by changing the saturation by 10% instead.

■ 23.5154, 14.1004,
95.2482

■ 23.5154, 14.1004,
95.2482

262.8474,
217.8545, 565.9639

■ 15.0973, 8.1905,
71.7435

■ 48.6987, 33.2671,
156.6060

■ 8.9745, 4.2171,
52.4636

■ 66.1946, 47.2927,
195.2962

■ 4.7815, 1.7957,
36.9900

■ 87.4472, 64.7923,
239.8853

■ 2.1531, 0.4845,
24.9040

■ 112.8218, 86.1503,
290.7919

■ 0.7178, 0.0000,
15.7872

■ 142.6838,
111.7511, 348.4346

■ 0.0000, 0.0000,
9.2210

177.3985,

■ 0.0000, 0.0000,

141.9792, 413.2317

4.7868

217.3312,
177.2189, 485.6020

■ 0.0000, 0.0000,
2.0662

■ 0.0000, 0.0000,
0.5955

■ 23.5154, 14.1004,
95.2482

■ 23.5154, 14.1004,
95.2482

■ 20.4599, 10.3723,
94.6901

■ 28.0383, 19.5841,
96.0687

■ 18.6876, 8.1853,
94.3613

■ 34.1786, 27.0026,
97.1770

■ 17.9355, 7.2478,
94.2200

■ 42.0705, 36.5139,
98.5969

■ 51.8336, 48.2595,
100.3495

■ 63.5771, 62.3687,
102.4539

■ 77.4016, 78.9608,
104.9278

■ 93.4009, 98.1472,
107.7879

■ 94.8895, 99.9358,
108.0547

Harmonies

Analogous

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



13.8499, 14.1004, 119.7069



23.5154, 14.1004, 95.2482



32.6824, 14.1004, 48.5318

Triad

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



23.5154, 14.1004, 95.2482



22.4167, 14.1004, 0.0000



2.9947, 14.1004, 16.6570

Complementary

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



23.5154, 14.1004, 95.2482



76.6449, 90.5816, 20.1030

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.



3.7487, 14.1004, 2.3167



23.5154, 14.1004, 95.2482



12.9639, 14.1004, 0.0000

Square

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



23.5154, 14.1004, 95.2482



31.8863, 14.1004, 1.7480



6.7053, 14.1004, 0.0000



3.9414, 14.1004, 53.4207

Rectangle

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



23.5154, 14.1004, 95.2482



35.9240, 14.1004, 22.9597



6.7053, 14.1004, 0.0000



3.0553, 14.1004, 9.6447

Sweetspot

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



23.5163, 14.1007, 95.2486



63.4598, 62.1025, 103.2500



55.2931, 79.1597, 101.1999



12.8452, 12.4063, 21.9676



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.



23.5163, 14.1007, 95.2486



19.6819, 9.2834, 95.3623



34.6132, 19.5134, 95.7085



17.0273, 17.4263, 22.7161



9.4662, 3.8419, 49.6772



0.9299, 0.3904, 4.8396

Inverse Universe

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



44.7652, 26.6546, 9.9929



42.3567, 22.8285, 4.3520



53.3922, 79.9909, 19.2843



18.0217, 17.9920, 18.7314



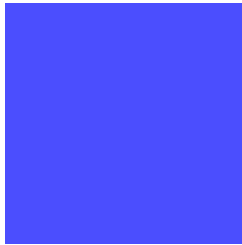
21.5663, 11.1158, 1.1006



2.1040, 1.0840, 0.1289

Previews

White Background



This preview shows how the XYZ color 23.5154, 14.1004, 95.2482 looks on a white background.

Color Contrast Check

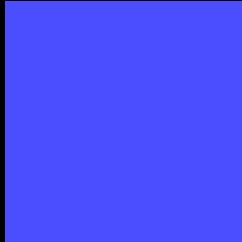
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5154, 14.1004, 95.2482 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 23.5154, 14.1004, 95.2482

Background



This preview shows how black text looks on a background with the XYZ color 23.5154, 14.1004, 95.2482.



This preview shows how white text looks on a background with the XYZ color 23.5154, 14.1004,

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

23.5154, 14.1004, 95.2482

Protanopia

16.4408, 13.8678, 64.0976

Deuteranopia

13.5982, 13.8516, 45.6730



Tritanopia

9.7059, 13.6915, 20.8701

Trichromacy



Original Color

23.5154, 14.1004, 95.2482

Protanomaly

18.1443, 13.4334, 74.3096

Deuteranomaly

16.0200, 13.1528, 61.3689

Tritanomaly

12.5541, 12.6760, 40.3131

Monochromacy



Original Color

23.5154, 14.1004, 95.2482

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

13.6087, 11.7693, 32.1263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5154, 14.1004, 95.2482 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(75, 78, 254)` looks like.

```
.text, #text, p{  
    color:rgb(75, 78, 254)  
}
```

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(75, 78, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 78, 254) }
```

Border

The CSS property to change the border of an element to XYZ 23.5154, 14.1004, 95.2482 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(75, 78, 254) }
```


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

```
.border{ border-color:rgb(75, 78, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 78, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 78, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 78, 254);  
box-shadow:4px 4px 4px 4px rgb(75, 78,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5154, 14.1004, 95.2482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 78, 254) }
```

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

```
.background{ background-color: rgb(75, 78,  
254) }
```

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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