

Converting Colors

XYZ(25.4904, 19.2344, 96.9769)

Have a look what the booklet for
XYZ(25.4904, 19.2344, 96.9769)
contains.

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Color

**XYZ(25.4431, 19.1494,
96.9629)**

Conversions

Conversions Part 1

Format	Color
Hex	3D6DFF
RGB	61, 109, 255
RGB Percent	24%, 43%, 100%
CMY	0.7607, 0.5725, 0.0000
CMYK	0.76, 0.57, 0.00, 0.00
HSL	225°, 100%, 62%
HSV	225°, 76%, 100%
XYZ	25.4431, 19.1494, 96.9629
YIQ	111.2920, -75.4740, 35.2300

Conversions

Conversions Part 2

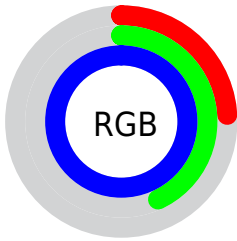
Format	Color
R _Y B	61, 99, 255
Decimal	4025855
CIE Lab	50.86, 34.04, -77.14
CIE LCh	51, 84.318, 293.814
Yxy	19.1494, 0.1797, 0.1353
Android (android.graphics.Color)	4282215935 (0xFF3D6DFF)
YUV	111.2920, 70.8480, -44.1061
Hunter-Lab	43.7600, 27.2040, -100.7420

Details

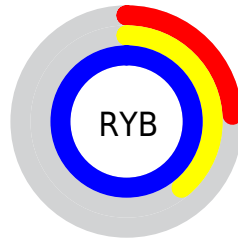
The XYZ color **25.4431, 19.1494, 96.9629** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **64.3992, 66.2301, 13.8065**, and the grayscale version is **15.0121, 15.7939, 17.1995**.

A 20% lighter version of the original color is **40.6125, 37.5125, 99.7079**, and **11.8556, 7.5862, 53.6628** is the 20% darker color. If you saturate the color by 10%, you get **22.4007, 14.8663, 96.2966**, and if you desaturate by 10%, it is **29.6796, 24.7115, 97.8132**.

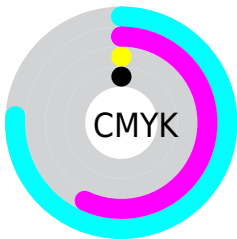
Distribution



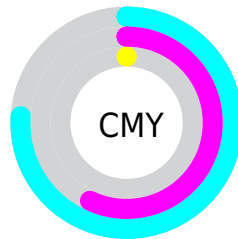
- Red (24%)
- Green (43%)
- Blue (100%)



- Red (24%)
- Yellow (39%)
- Blue (100%)



- Cyan (76%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4431, 19.1494, 96.9629 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 25.4431, 19.1494, 96.9629 by changing the saturation by 10% instead.

■ 25.4431, 19.1494,
96.9629

■ 25.4431, 19.1494,
96.9629

272.3446,
247.2723, 571.5742

■ 16.5380, 11.7783,
73.1639

■ 51.8129, 41.9864,
158.9925

■ 9.9989, 6.5929,
53.6173

■ 70.0083, 58.2211,
198.0601

■ 5.4605, 3.2088,
37.9047

■ 92.0311, 78.1790,
243.0544

■ 2.5574, 1.2417,
25.6075

■ 118.2467,
102.2447, 294.3939

■ 0.9243, 0.0954,
16.3071

149.0206,
130.8025, 352.4970

■ 0.0000, 0.0000,
9.5850

184.7179,

■ 0.0000, 0.0000,

164.2367, 417.7824

5.0227

225.7041,
202.9319, 490.6686

■ 0.0000, 0.0000,
2.2016

■ 0.0000, 0.0000,
0.6753

■ 25.4431, 19.1494,
96.9629

■ 25.4431, 19.1494,
96.9629

■ 22.4007, 14.8663,
96.2966

■ 29.6796, 24.7115,
97.8132

■ 20.4042, 11.7423,
95.7988

■ 35.2276, 31.6529,
98.8607

■ 19.8318, 10.7836,
95.6439

■ 42.1924, 40.0645,
100.1172

■ 50.6676, 50.0286,
101.5938

■ 60.7381, 61.6209,
103.3005

■ 72.4828, 74.9121,
105.2470

■ 85.9748, 89.9686,
107.4421

■ 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.



16.5331, 19.1494, 107.4283



25.4431, 19.1494, 96.9629



34.3788, 19.1494, 61.2071

Triad

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



25.4431, 19.1494, 96.9629



29.3559, 19.1494, 1.4335



6.4905, 19.1494, 16.2986

Complementary

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



25.4431, 19.1494, 96.9629



64.3992, 66.2301, 13.8065

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.



8.1123, 19.1494, 3.8240



25.4431, 19.1494, 96.9629



19.9773, 19.1494, 0.2703

Square

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



25.4431, 19.1494, 96.9629



37.0770, 19.1494, 7.2960



12.4827, 19.1494, 0.7378



7.1487, 19.1494, 45.3159

Rectangle

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



25.4431, 19.1494, 96.9629



38.2573, 19.1494, 36.3814



12.4827, 19.1494, 0.7378



6.7659, 19.1494, 10.5203

Sweetspot

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



25.4440, 19.1498, 96.9630



64.1651, 65.5207, 103.8726



48.8873, 76.9933, 70.9985



12.8750, 13.0462, 22.0895



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.



25.4440, 19.1498, 96.9630



21.2966, 13.1904, 96.0313



26.0893, 13.8428, 95.9046



17.3680, 18.1075, 22.8297



10.4604, 5.8304, 50.0086



1.1002, 0.7311, 4.8964

Inverse Universe

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



45.6699, 25.7032, 17.0221



43.0064, 22.4552, 9.7251



62.1964, 85.0511, 17.5554



18.1936, 18.0608, 19.6368



22.0681, 11.3165, 3.7432



2.1899, 1.1184, 0.5817

Previews

White Background



This preview shows how the XYZ color 25.4431, 19.1494, 96.9629 looks on a white background.

Color Contrast Check

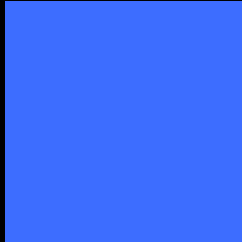
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.4431, 19.1494, 96.9629 looks on a black 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

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

XYZ 25.4431, 19.1494, 96.9629

Background



This preview shows how black text looks on a background with the XYZ color 25.4431, 19.1494, 96.9629.



This preview shows how white text looks on a background with the XYZ color 25.4431, 19.1494,

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

25.4431, 19.1494, 96.9629

Protanopia

22.8799, 19.1446, 89.6782

Deuteranopia

18.9666, 18.9194, 64.9395



Tritanopia

13.2700, 18.7281, 28.5067

Trichromacy



Original Color

25.4431, 19.1494, 96.9629

Protanomaly

23.3349, 18.8204, 92.0253

Deuteranomaly

20.8129, 18.7289, 75.9169

Tritanomaly

16.0858, 18.0048, 47.4272

Monochromacy



Original Color

25.4431, 19.1494, 96.9629

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.7010, 16.1234, 36.8822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4431, 19.1494, 96.9629 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(61, 109, 255)` looks like.

```
.text, #text, p{  
    color:rgb(61, 109, 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(61, 109, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 109, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.4431, 19.1494, 96.9629 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(61, 109, 255) }
```


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

```
.border{ border-color:rgb(61, 109, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 109, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 109, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 109, 255);  
box-shadow:4px 4px 4px 4px rgb(61, 109,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4431, 19.1494, 96.9629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 109, 255) }
```

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

```
.background{ background-color: rgb(61, 109,  
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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