

Converting Colors

XYZ(9.8960, 15.7374, 95.1750)

Have a look what the booklet for
XYZ(9.8960, 15.7374, 95.1750)
contains.

XYZ(26.2547, 24.1420, 96.2046)	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(26.2547, 24.1420,
96.2046)**

Conversions

Conversions Part 1

Format	Color
Hex	0086FD
RGB	0, 134, 253
RGB Percent	0%, 53%, 99%
CMY	0.9997, 0.4745, 0.0078
CMYK	1.00, 0.47, 0.00, 0.01
HSL	208°, 100%, 50%
HSV	208°, 100%, 99%
XYZ	26.2547, 24.1420, 96.2046
YIQ	107.5000, -118.0630, 8.6010

Conversions

Conversions Part 2

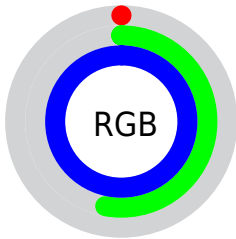
Format	Color
R _{YB}	0, 88, 253
Decimal	34557
CIE _{Lab}	56.23, 14.30, -67.38
CIE _{LCh}	56, 68.881, 281.979
Y _{xy}	24.1420, 0.1791, 0.1647
Android (android.graphics.Color)	4278224637 (0xFF0086FD)
YUV	107.5000, 71.7315, -94.2775
Hunter-Lab	49.1345, 9.3949, -81.6947

Details

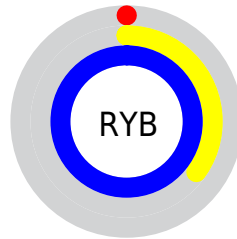
The XYZ color **26.2547, 24.1420, 96.2046** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **47.1145, 34.0946, 4.0999**, and the grayscale version is **13.9508, 14.6773, 15.9836**.

A 20% lighter version of the original color is **42.2910, 45.7826, 101.2157**, and **13.1781, 10.5957, 52.9804** is the 20% darker color. If you saturate the color by 10%, you get **26.2500, 24.1324, 96.2036**, and if you desaturate by 10%, it is **28.4040, 27.8315, 96.8041**.

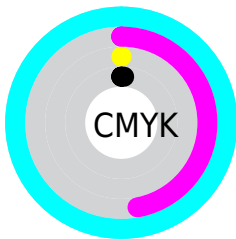
Distribution



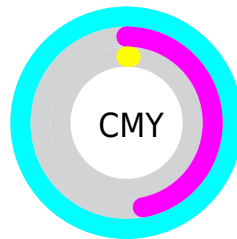
- Red (0%)
- Green (53%)
- Blue (99%)



- Red (0%)
- Yellow (35%)
- Blue (99%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (47%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2547, 24.1420, 96.2046 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 26.2547, 24.1420, 96.2046 by changing the saturation by 10% instead.

■ 26.2547, 24.1420,
96.2046

■ 26.2547, 24.1420,
96.2046

276.2640,
273.5376, 569.0968

■ 17.1480, 15.4390,
72.5356

■ 53.1139, 50.2618,
157.9376

■ 10.4360, 9.1281,
53.1068

■ 71.5971, 68.4474,
196.8387

■ 5.7535, 4.8248,
37.4997

■ 93.9365, 90.5627,
241.6542

■ 2.7350, 2.1448,
25.2958

■ 120.4975,
116.9920, 292.8026

■ 1.0152, 0.6897,
16.0766

■ 151.6454,
148.1197, 350.7025

■ 0.0000, 0.0000,
9.4234

187.7455,

■ 0.0000, 0.0000,

184.3303, 415.7725

4.9178

229.1632,
226.0082, 488.4311

■ 0.0000, 0.0000,
2.1412

■ 0.0000, 0.0000,
0.6401

■ 26.2547, 24.1420,
96.2046

■ 26.2547, 24.1420,
96.2046

■ 26.2500, 24.1324,
96.2036

■ 28.4040, 27.8315,
96.8041

■ 31.2727, 32.1754,
97.4913

■ 35.0289, 37.2686,
98.2764

■ 39.7766, 43.1728,
99.1658

■ 45.6038, 49.9409,
100.1651

■ 52.5877, 57.6200,
101.2792

■ 60.7981, 66.2533,
102.5129

■ 70.2985, 75.8804,
103.8703

■ 81.1481, 86.5383,
105.3557

Harmonies

Analogous

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



18.5497, 24.1420, 93.4063



26.2547, 24.1420, 96.2046



34.7149, 24.1420, 73.8714

Triad

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



26.2547, 24.1420, 96.2046



36.2324, 24.1420, 6.5744



11.2966, 24.1420, 14.9699

Complementary

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



26.2547, 24.1420, 96.2046



47.1145, 34.0946, 4.0999

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.



14.1925, 24.1420, 5.3665



26.2547, 24.1420, 96.2046



27.9878, 24.1420, 2.7999

Square

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



26.2547, 24.1420, 96.2046



41.3018, 24.1420, 18.2330



19.9281, 24.1420, 2.5409



11.0396, 24.1420, 36.4187

Rectangle

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



26.2547, 24.1420, 96.2046



39.1879, 24.1420, 52.5639



19.9281, 24.1420, 2.5409



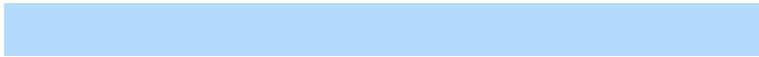
11.9564, 24.1420, 10.6585

Sweetspot

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



26.2558, 24.1427, 96.2053



61.8584, 67.4110, 104.3591



38.4028, 71.5620, 28.9618



12.4526, 13.6097, 22.2206



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.



26.2558, 24.1427, 96.2053



26.7173, 24.5545, 97.9391



17.8230, 7.2770, 93.3943



17.7993, 18.9702, 22.9734



14.1112, 13.1320, 51.2256



1.4834, 1.4975, 5.0241

Inverse Universe

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



44.8122, 22.6057, 24.5558



45.6148, 23.0099, 24.9675



73.0311, 85.9278, 12.7387



18.4113, 18.1478, 20.7832



23.9109, 12.0536, 13.4471



2.3834, 1.1957, 1.6002

Previews

White Background



This preview shows how the XYZ color 26.2547, 24.1420, 96.2046 looks on a white background.

Color Contrast Check

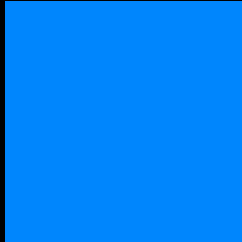
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2547, 24.1420, 96.2046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

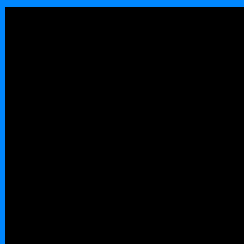
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

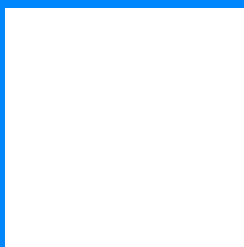
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2547, 24.1420, 96.2046

Background



This preview shows how black text looks on a background with the XYZ color 26.2547, 24.1420, 96.2046.



This preview shows how white text looks on a background with the XYZ color 26.2547, 24.1420,

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

26.2547, 24.1420, 96.2046

Protanopia

27.7540, 24.1825, 92.8274

Deuteranopia

24.6738, 24.1826, 85.8053

Trichromacy



Original Color

26.2547, 24.1420, 96.2046

Protanomaly

26.4983, 23.7156, 93.6234

Deuteranomaly

25.2856, 24.2009, 89.7247

Monochromacy



Original Color

26.2547, 24.1420, 96.2046

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.2486, 16.5610, 36.1111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2547, 24.1420, 96.2046 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(0, 134, 253)` looks like.

```
.text, #text, p{  
    color:rgb(0, 134, 253)  
}
```

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(0, 134, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 134, 253) }
```

Border

The CSS property to change the border of an element to XYZ 26.2547, 24.1420, 96.2046 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(0, 134, 253) }
```

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

```
.border{ border-color:rgb(0, 134, 253) }
```

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

Here you see how a box with a 4 pixel rgb(0, 134, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 134, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 134, 253);  
box-shadow:4px 4px 4px 4px rgb(0, 134,  
253) }
```


Background

The CSS property to change the background color of an element to XYZ 26.2547, 24.1420, 96.2046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 134, 253) }
```

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

```
.background{ background-color: rgb(0, 134,  
253) }
```

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