

Converting Colors

XYZ(16.3849, 21.0749, 90.5366)

Have a look what the booklet for
XYZ(16.3849, 21.0749, 90.5366)
contains.

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Color

**XYZ(26.4570, 26.2987,
90.8705)**

Conversions

Conversions Part 1

Format	Color
Hex	008FF6
RGB	0, 143, 246
RGB Percent	0%, 56%, 96%
CMY	0.9997, 0.4392, 0.0353
CMYK	1.00, 0.42, 0.00, 0.04
HSL	205°, 100%, 48%
HSV	205°, 100%, 96%
XYZ	26.4570, 26.2987, 90.8705
YIQ	111.9850, -118.2910, 1.7170

Conversions

Conversions Part 2

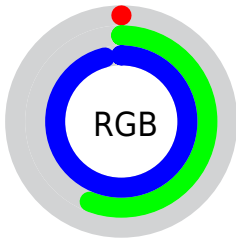
Format	Color
R _Y B	0, 90, 246
Decimal	36854
CIE Lab	58.32, 6.12, -60.16
CIE LCh	58, 60.474, 275.811
Yxy	26.2987, 0.1842, 0.1831
Android (android.graphics.Color)	4278226934 (0xFF008FF6)
YUV	111.9850, 66.0694, -98.2108
Hunter-Lab	51.2823, 2.3459, -69.1624

Details

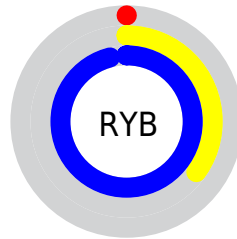
The XYZ color **26.4570, 26.2987, 90.8705** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **42.8640, 29.3078, 3.3998**, and the grayscale version is **15.2406, 16.0343, 17.4614**.

A 20% lighter version of the original color is **44.2203, 50.0149, 101.9309**, and **13.1880, 11.6795, 49.7034** is the 20% darker color. If you saturate the color by 10%, you get **26.4528, 26.2901, 90.8697**, and if you desaturate by 10%, it is **28.4685, 29.7384, 91.4290**.

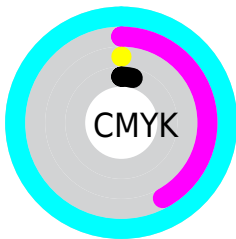
Distribution



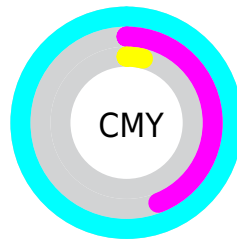
- Red (0%)
- Green (56%)
- Blue (96%)



- Red (0%)
- Yellow (35%)
- Blue (96%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (44%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4570, 26.2987, 90.8705 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 26.4570, 26.2987, 90.8705 by changing the saturation by 10% instead.

■ 26.4570, 26.2987,
90.8705

■ 26.4570, 26.2987,
90.8705

277.2340,
284.2453, 551.5015

■ 17.3003, 17.0472,
68.1251

■ 53.4373, 53.7564,
150.4930

■ 10.5455, 10.2682,
49.5322

■ 71.9917, 72.7315,
188.2072

■ 5.8271, 5.5771,
34.6732

■ 94.4094, 95.7165,
231.7481

■ 2.7799, 2.5897,
23.1297

■ 121.0556,
123.0959, 281.5342

■ 1.0385, 0.9215,
14.4831

■ 152.2959,
155.2541, 337.9840

■ 0.0000, 0.0000,
8.3149

188.4954,

■ 0.0000, 0.0000,

192.5755, 401.5162

4.2064

230.0197,
235.4444, 472.5492

■ 0.0000, 0.0000,
1.7393

■ 0.0000, 0.0000,
0.3874

■ 26.4570, 26.2987,
90.8705

■ 26.4570, 26.2987,
90.8705

■ 26.4528, 26.2901,
90.8697

■ 28.4685, 29.7384,
91.4290

■ 31.1196, 33.7240,
92.0586

■ 34.5674, 38.3418,
92.7682

■ 38.9074, 43.6463,
93.5633

■ 44.2201, 49.6836,
94.4486

■ 50.5761, 56.4951,
95.4284

■ 58.0391, 64.1182,
96.5065

■ 66.6672, 72.5872,
97.6864

■ 76.5144, 81.9344,
98.9716

Harmonies

Analogous

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



19.6328, 26.2987, 83.8238



26.4570, 26.2987, 90.8705



34.2278, 26.2987, 75.7012

Triad

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



26.4570, 26.2987, 90.8705



38.3233, 26.2987, 10.8605



14.1789, 26.2987, 15.0281

Complementary

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



26.4570, 26.2987, 90.8705



42.8640, 29.3078, 3.3998

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.



17.5943, 26.2987, 6.7349



26.4570, 26.2987, 90.8705



31.2568, 26.2987, 5.2887

Square

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



26.4570, 26.2987, 90.8705



41.8902, 26.2987, 24.7230



23.5900, 26.2987, 4.2746



13.3921, 26.2987, 32.9390

Rectangle

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



26.4570, 26.2987, 90.8705



38.6298, 26.2987, 57.9923



23.5900, 26.2987, 4.2746



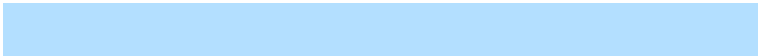
15.0196, 26.2987, 11.3607

Sweetspot

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



26.4581, 26.2995, 90.8712



62.9021, 69.4984, 104.7070



35.3821, 66.8826, 23.7565



12.7002, 14.1048, 22.3031



0.0000, 0.0000, 0.0000



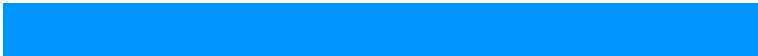
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.4581, 26.2995, 90.8712



28.6715, 28.4630, 98.5905



16.8958, 7.1748, 87.6838



16.3813, 17.5268, 21.0622



14.2612, 14.3161, 48.5497



1.3549, 1.4611, 4.3009

Inverse Universe

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



42.9651, 21.5777, 27.8873



46.6012, 23.4045, 30.1619



65.0691, 73.7179, 10.8015



16.9030, 16.6441, 19.2358



23.0029, 11.5446, 15.2555



2.0729, 1.0351, 1.6105

Previews

White Background



This preview shows how the XYZ color 26.4570, 26.2987, 90.8705 looks on a white background.

Color Contrast Check

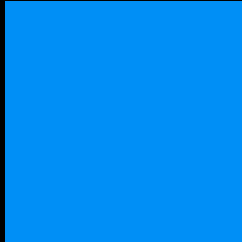
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4570, 26.2987, 90.8705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

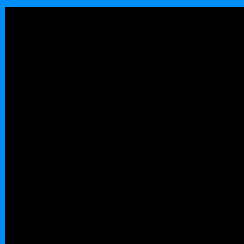
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

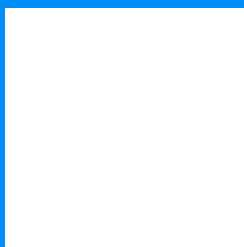
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4570, 26.2987, 90.8705

Background



This preview shows how black text looks on a background with the XYZ color 26.4570, 26.2987, 90.8705.



This preview shows how white text looks on a background with the XYZ color 26.4570, 26.2987,

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

26.4570, 26.2987, 90.8705

Protanopia

29.0002, 26.2200, 85.1938

Deuteranopia

27.1557, 26.2172, 90.8179



Tritanopia

18.6043, 26.1959, 40.1522

Trichromacy



Original Color

26.4570, 26.2987, 90.8705

Protanomaly

27.1231, 25.8367, 87.5618

Deuteranomaly

26.7595, 26.2328, 90.8418

Tritanomaly

20.9169, 26.0733, 55.5600

Monochromacy



Original Color

26.4570, 26.2987, 90.8705

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.1145, 18.0787, 36.3584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4570, 26.2987, 90.8705 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, 143, 246)` looks like.

```
.text, #text, p{  
    color:rgb(0, 143, 246)  
}
```

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, 143, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 143, 246) }
```

Border

The CSS property to change the border of an element to XYZ 26.4570, 26.2987, 90.8705 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, 143, 246) }
```


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

```
.border{ border-color:rgb(0, 143, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 143, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 143, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 143, 246);  
box-shadow:4px 4px 4px 4px rgb(0, 143,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4570, 26.2987, 90.8705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 143, 246) }
```

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

```
.background{ background-color: rgb(0, 143,  
246) }
```

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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