

Converting Colors

XYZ(20.3015, 23.4136, 87.8134)

Have a look what the booklet for
XYZ(20.3015, 23.4136, 87.8134)
contains.

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Color

**XYZ(26.0003, 26.3573,
87.7215)**

Conversions

Conversions Part 1

Format	Color
Hex	0090F2
RGB	0, 144, 242
RGB Percent	0%, 56%, 95%
CMY	0.9997, 0.4353, 0.0510
CMYK	1.00, 0.40, 0.00, 0.05
HSL	204°, 100%, 47%
HSV	204°, 100%, 95%
XYZ	26.0003, 26.3573, 87.7215
YIQ	112.1160, -117.2820, -0.0500

Conversions

Conversions Part 2

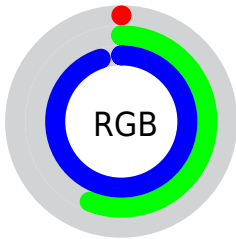
Format	Color
R _{YB}	0, 90, 242
Decimal	37106
CIE _{Lab}	58.37, 4.00, -57.87
CIE _{LCh}	58, 58.005, 273.950
Y _{xy}	26.3573, 0.1856, 0.1882
Android (android.graphics.Color)	4278227186 (0xFF0090F2)
YUV	112.1160, 64.0328, -98.3257
Hunter-Lab	51.3394, 0.5556, -65.3689

Details

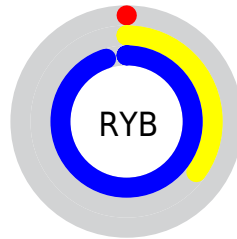
The XYZ color **26.0003, 26.3573, 87.7215** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **40.9930, 27.6264, 3.1739**, and the grayscale version is **15.2845, 16.0805, 17.5116**.

A 20% lighter version of the original color is **44.3229, 50.4037, 102.0006**, and **12.7597, 11.5082, 47.4477** is the 20% darker color. If you saturate the color by 10%, you get **25.9961, 26.3488, 87.7207**, and if you desaturate by 10%, it is **27.9336, 29.6549, 88.2567**.

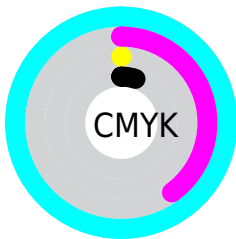
Distribution



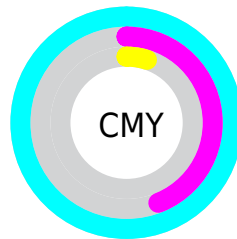
- Red (0%)
- Green (56%)
- Blue (95%)



- Red (0%)
- Yellow (35%)
- Blue (95%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (44%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0003, 26.3573, 87.7215 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 26.0003, 26.3573, 87.7215 by changing the saturation by 10% instead.

■ 26.0003, 26.3573,
87.7215

■ 26.0003, 26.3573,
87.7215

275.0402,
284.5317, 540.9684

■ 16.9565, 17.0911,
65.5294

■ 52.7067, 53.8508,
146.0771

■ 10.2986, 10.2995,
47.4364

■ 71.1001, 72.8469,
183.0777

■ 5.6612, 5.5980,
33.0240

■ 93.3408, 95.8551,
225.8515

■ 2.6789, 2.6022,
21.8736

■ 119.7940,
123.2599, 274.8172

■ 0.9863, 0.9278,
13.5666

■ 150.8252,
155.4455, 330.3931

■ 0.0000, 0.0000,
7.6846

186.7998,

■ 0.0000, 0.0000,

192.7964, 392.9980

3.8089

228.0830,
235.6970, 463.0502

■ 0.0000, 0.0000,
1.5211

■ 0.0000, 0.0000,
0.2336

■ 26.0003, 26.3573,
87.7215

■ 26.0003, 26.3573,
87.7215

■ 25.9961, 26.3488,
87.7207

■ 27.9336, 29.6549,
88.2567

■ 30.4736, 33.4611,
88.8575

■ 33.7723, 37.8590,
89.5325

■ 37.9207, 42.8999,
90.2869

■ 42.9958, 48.6278,
91.1250

■ 49.0653, 55.0815,
92.0508

■ 56.1900, 62.2964,
93.0679

■ 64.4254, 70.3051,
94.1797

■ 73.8231, 79.1378,
95.3892

Harmonies

Analogous

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



19.5419, 26.3573, 79.8326



26.0003, 26.3573, 87.7215



33.4394, 26.3573, 74.6429

Triad

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



26.0003, 26.3573, 87.7215



38.1099, 26.3573, 11.9807



14.7131, 26.3573, 14.7682

Complementary

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



26.0003, 26.3573, 87.7215



40.9930, 27.6264, 3.1739

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.



18.1990, 26.3573, 6.9987



26.0003, 26.3573, 87.7215



31.5107, 26.3573, 6.0029

Square

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



26.0003, 26.3573, 87.7215



41.2141, 26.3573, 26.0986



24.1267, 26.3573, 4.7417



13.7871, 26.3573, 31.4659

Rectangle

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



26.0003, 26.3573, 87.7215



37.7330, 26.3573, 58.2598



24.1267, 26.3573, 4.7417



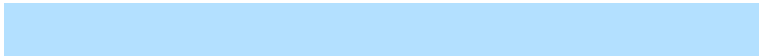
15.5873, 26.3573, 11.3395

Sweetspot

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



26.0014, 26.3581, 87.7222



63.1838, 70.0617, 104.8009



33.9036, 64.3653, 21.9079



12.7671, 14.2388, 22.3254



0.0000, 0.0000, 0.0000



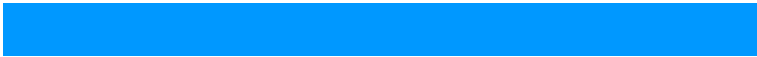
20.3446, 21.4041, 23.3091

Same Dimension

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



26.0014, 26.3581, 87.7222



29.2304, 29.5809, 98.7768



16.3602, 7.0756, 84.5085



15.6792, 16.7925, 20.1365



14.1028, 14.4299, 47.1698



1.2706, 1.3952, 3.9565

Inverse Universe

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



41.6531, 20.8926, 28.2232



46.8834, 23.5173, 31.6476



61.6402, 68.9208, 10.0563



16.1675, 15.9167, 18.4383



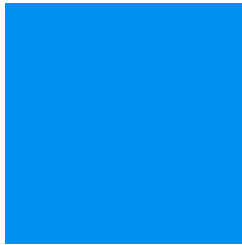
22.4441, 11.2501, 15.5209



1.9163, 0.9556, 1.5500

Previews

White Background



This preview shows how the XYZ color 26.0003, 26.3573, 87.7215 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 26.0003, 26.3573, 87.7215 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

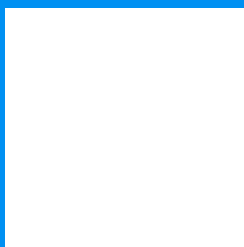
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0003, 26.3573, 87.7215

Background



This preview shows how black text looks on a background with the XYZ color 26.0003, 26.3573, 87.7215.



This preview shows how white text looks on a background with the XYZ color 26.0003, 26.3573,

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

26.0003, 26.3573, 87.7215

Protanopia

28.8366, 26.2031, 82.1351

Deuteranopia

27.3334, 26.3616, 88.4417



Tritanopia

18.6043, 26.1959, 40.1522

Trichromacy



Original Color

26.0003, 26.3573, 87.7215

Protanomaly

26.6518, 25.6624, 84.4376

Deuteranomaly

26.5782, 26.1921, 88.4488

Tritanomaly

20.8042, 26.0283, 54.9664

Monochromacy



Original Color

26.0003, 26.3573, 87.7215

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.0642, 18.2581, 35.4784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0003, 26.3573, 87.7215 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, 144, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 144, 242)  
}
```

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, 144, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 144, 242) }
```

Border

The CSS property to change the border of an element to XYZ 26.0003, 26.3573, 87.7215 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, 144, 242) }
```


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

```
.border{ border-color:rgb(0, 144, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 144, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 144, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 144, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 144,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0003, 26.3573, 87.7215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 144, 242) }
```

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

```
.background{ background-color: rgb(0, 144,  
242) }
```

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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