

Converting Colors

XYZ(26.2860, 23.0756, 97.6764)

Have a look what the booklet for
XYZ(26.2860, 23.0756, 97.6764)
contains.

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Color

**XYZ(26.3263, 23.1401,
97.6867)**

Conversions

Conversions Part 1

Format	Color
Hex	1A81FF
RGB	26, 129, 255
RGB Percent	10%, 51%, 100%
CMY	0.8979, 0.4941, 0.0000
CMYK	0.90, 0.49, 0.00, 0.00
HSL	213°, 100%, 55%
HSV	213°, 90%, 100%
XYZ	26.3263, 23.1401, 97.6867
YIQ	112.5670, -101.8340, 17.3500

Conversions

Conversions Part 2

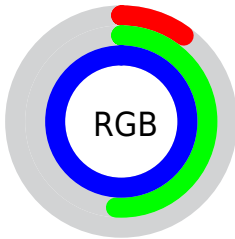
Format	Color
R_{YB}	26, 97, 255
Decimal	1737215
CIE _{Lab}	55.22, 18.96, -70.11
CIE _{LCh}	55, 72.627, 285.133
Yxy	23.1401, 0.1789, 0.1573
Android (android.graphics.Color)	4279927295 (0xFF1A81FF)
YUV	112.5670, 70.2195, -75.9193
Hunter-Lab	48.1042, 13.5067, -86.7292

Details

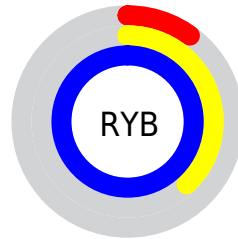
The XYZ color **26.3263, 23.1401, 97.6867** is a dark color, and the websafe version is hex **0066CC**. The color can be described as middle washed azure. A complement of this color would be **52.6616, 43.8042, 6.6591**, and the grayscale version is **15.3927, 16.1943, 17.6356**.

A 20% lighter version of the original color is **42.0451, 44.1193, 100.9076**, and **13.0205, 9.9161, 54.0511** is the 20% darker color. If you saturate the color by 10%, you get **24.1837, 19.4774, 97.0926**, and if you desaturate by 10%, it is **29.2700, 27.5928, 98.3910**.

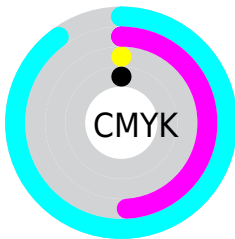
Distribution



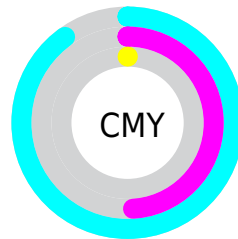
- Red (10%)
- Green (51%)
- Blue (100%)



- Red (10%)
- Yellow (38%)
- Blue (100%)



- Cyan (90%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3263, 23.1401, 97.6867 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 26.3263, 23.1401, 97.6867 by changing the saturation by 10% instead.

■ 26.3263, 23.1401,
97.6867

■ 26.3263, 23.1401,
97.6867

276.6076,
268.4438, 573.9335

■ 17.2019, 14.6970,
73.7639

■ 53.2284, 48.6233,
159.9986

■ 10.4747, 8.6070,
54.1052

■ 71.7369, 66.4321,
199.2248

■ 5.7795, 4.4857,
38.2921

■ 94.1040, 88.1317,
244.3892

■ 2.7508, 1.9488,
25.9058

■ 120.6952,
114.1063, 295.9103

■ 1.0234, 0.5775,
16.5281

■ 151.8758,
144.7405, 354.2068

■ 0.0000, 0.0000,
9.7402

188.0111,

■ 0.0000, 0.0000,

180.4185, 419.6971

5.1237

229.4666,
221.5248, 492.7998

■ 0.0000, 0.0000,
2.2600

■ 0.0000, 0.0000,
0.7087

■ 26.3263, 23.1401,
97.6867

■ 26.3263, 23.1401,
97.6867

■ 24.1837, 19.4774,
97.0926

■ 29.2700, 27.5928,
98.3910

■ 24.1432, 19.4063,
97.0811

■ 33.1819, 32.9358,
99.2161

■ 38.1725, 39.2397,
100.1699

■ 44.3347, 46.5655,
101.2591

■ 51.7505, 54.9678,
102.4901

■ 60.4938, 64.4967,
103.8685

■ 70.6324, 75.1985,
105.3998

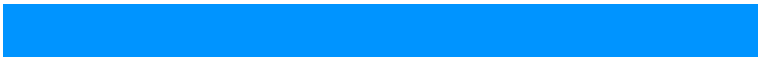
■ 82.2295, 87.1167,
107.0890

■ 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.



18.2268, 23.1401, 97.8193



26.3263, 23.1401, 97.6867



35.0173, 23.1401, 71.7277

Triad

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



26.3263, 23.1401, 97.6867



34.9474, 23.1401, 4.9359



10.0929, 23.1401, 15.3772

Complementary

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



26.3263, 23.1401, 97.6867



52.6616, 43.8042, 6.6591

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.



12.6813, 23.1401, 4.9856



26.3263, 23.1401, 97.6867



26.2475, 23.1401, 1.9797

Square

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



26.3263, 23.1401, 97.6867



40.7675, 23.1401, 15.2334



18.1651, 23.1401, 1.9896



10.1040, 23.1401, 38.7624

Rectangle

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



26.3263, 23.1401, 97.6867



39.4156, 23.1401, 49.0603



18.1651, 23.1401, 1.9896



10.6531, 23.1401, 10.6835

Sweetspot

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



26.3273, 23.1407, 97.6867



63.1776, 67.3608, 104.2799



41.8519, 74.0061, 41.7708



12.8224, 13.6700, 22.2127



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.



26.3273, 23.1407, 97.6867



24.1432, 19.4063, 97.0811



19.2009, 8.3630, 95.2100



17.6756, 18.7228, 22.9322



12.7595, 10.4286, 50.7750



1.3496, 1.2298, 4.9795

Inverse Universe

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



45.5727, 23.5855, 22.9194



44.3155, 22.4902, 18.1256



73.0998, 90.7478, 14.6429



18.3489, 18.1229, 20.4545



23.2286, 11.7807, 9.8542



2.3158, 1.1687, 1.2445

Previews

White Background



This preview shows how the XYZ color 26.3263, 23.1401, 97.6867 looks on a white background.

Color Contrast Check

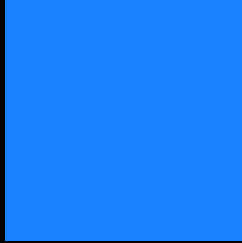
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3263, 23.1401, 97.6867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

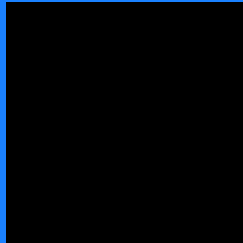
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

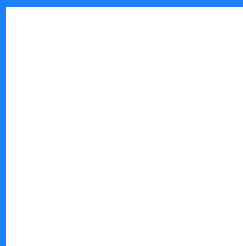
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3263, 23.1401, 97.6867

Background



This preview shows how black text looks on a background with the XYZ color 26.3263, 23.1401, 97.6867.



This preview shows how white text looks on a background with the XYZ color 26.3263, 23.1401,

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

26.3263, 23.1401, 97.6867

Protanopia

27.0639, 23.1701, 95.9744

Deuteranopia

23.3764, 22.9907, 81.0475



Tritanopia

16.1953, 22.9243, 34.5816

Trichromacy



Original Color

26.3263, 23.1401, 97.6867

Protanomaly

26.7353, 23.1749, 96.8300

Deuteranomaly

24.3909, 22.9714, 87.1528

Tritanomaly

18.8947, 22.5758, 52.6519

Monochromacy



Original Color

26.3263, 23.1401, 97.6867

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.7817, 17.6596, 38.1215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3263, 23.1401, 97.6867 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(26, 129, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 129, 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(26, 129, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 129, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.3263, 23.1401, 97.6867 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(26, 129, 255) }
```


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

```
.border{ border-color:rgb(26, 129, 255) }
```

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

Here you see how a box with a 4 pixel rgb(26, 129, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 129, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 129, 255);  
box-shadow:4px 4px 4px 4px rgb(26, 129,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3263, 23.1401, 97.6867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 129, 255) }
```

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

```
.background{ background-color: rgb(26, 129,  
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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