

Converting Colors

XYZ(26.0200, 23.0741, 93.5248)

Have a look what the booklet for
XYZ(26.0200, 23.0741, 93.5248)
contains.

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Color

**XYZ(26.0200, 23.0741,
93.5248)**

Conversions

Conversions Part 1

Format	Color
Hex	2981FA
RGB	41, 129, 250
RGB Percent	16%, 51%, 98%
CMY	0.8391, 0.4941, 0.0196
CMYK	0.84, 0.48, 0.00, 0.02
HSL	215°, 95%, 57%
HSV	215°, 84%, 98%
XYZ	26.0200, 23.0741, 93.5248
YIQ	116.4820, -91.2890, 18.9750

Conversions

Conversions Part 2

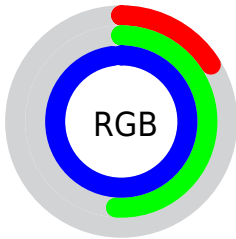
Format	Color
R _Y B	41, 103, 250
Decimal	2720250
CIE Lab	55.15, 17.98, -67.45
CIE LCh	55, 69.802, 284.930
Yxy	23.0741, 0.1824, 0.1618
Android (android.graphics.Color)	4280910330 (0xFF2981FA)
YUV	116.4820, 65.8244, -66.1977
Hunter-Lab	48.0355, 12.6282, -81.8124

Details

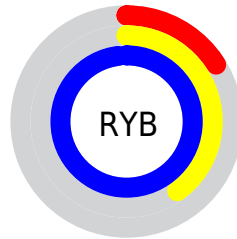
The XYZ color **26.0200, 23.0741, 93.5248** is a dark color, and the websafe version is hex **0066CC**. The color can be described as middle washed azure. A complement of this color would be **52.7492, 46.3325, 8.2626**, and the grayscale version is **16.5748, 17.4380, 18.9899**.

A 20% lighter version of the original color is **42.5999, 44.4053, 100.9336**, and **12.5681, 9.7351, 51.6687** is the 20% darker color. If you saturate the color by 10%, you get **23.5462, 19.1661, 92.9014**, and if you desaturate by 10%, it is **29.3977, 27.8493, 94.2690**.

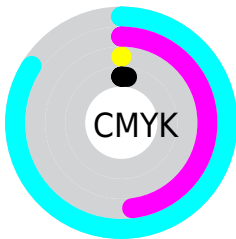
Distribution



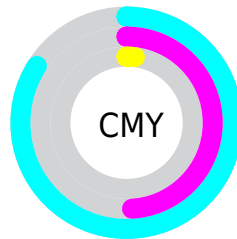
- Red (16%)
- Green (51%)
- Blue (98%)



- Red (16%)
- Yellow (40%)
- Blue (98%)



- Cyan (84%)
- Magenta (48%)
- Yellow (0%)
- Black (2%)



- Cyan (84%)
- Magenta (49%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0200, 23.0741, 93.5248 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 26.0200, 23.0741, 93.5248 by changing the saturation by 10% instead.

■ 26.0200, 23.0741,
93.5248

■ 26.0200, 23.0741,
93.5248

275.1351,
268.1054, 560.2947

■ 16.9714, 14.6482,
70.3177

■ 52.7383, 48.5150,
154.2030

■ 10.3093, 8.5729,
51.3072

■ 71.1386, 66.2988,
192.5111

■ 5.6683, 4.4637,
36.0747

■ 93.3869, 87.9707,
236.6900

■ 2.6832, 1.9362,
24.2017

■ 119.8485,
113.9150, 287.1582

■ 0.9885, 0.5700,
15.2698

■ 150.8888,
144.5163, 344.3342

■ 0.0000, 0.0000,
8.8602

186.8731,

■ 0.0000, 0.0000,

180.1588, 408.6366

4.5545

228.1668,
221.2271, 480.4839

■ 0.0000, 0.0000,
1.9342

■ 0.0000, 0.0000,
0.5144

■ 26.0200, 23.0741,
93.5248

■ 26.0200, 23.0741,
93.5248

■ 23.5462, 19.1661,
92.9014

■ 29.3977, 27.8493,
94.2690

■ 22.3324, 17.0562,
92.5582

■ 33.7904, 33.5644,
95.1407

■ 39.2945, 40.2842,
96.1476

■ 45.9930, 48.0656,
97.2965

■ 53.9603, 56.9605,
98.5935

■ 63.2646, 67.0170,
100.0442

■ 73.9685, 78.2800,
101.6540

■ 86.1310, 90.7917,
103.4280

■ 94.2554, 99.6822,
104.7158

Harmonies

Analogous

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



18.2634, 23.0741, 93.4592



26.0200, 23.0741, 93.5248



34.2985, 23.0741, 69.3626

Triad

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



26.0200, 23.0741, 93.5248



34.3337, 23.0741, 5.3762



10.4162, 23.0741, 15.5410

Complementary

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



26.0200, 23.0741, 93.5248



52.7492, 46.3325, 8.2626

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.



12.9641, 23.0741, 5.3496



26.0200, 23.0741, 93.5248



26.0599, 23.0741, 2.2977

Square

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



26.0200, 23.0741, 93.5248



39.8167, 23.0741, 15.6151



18.2950, 23.0741, 2.2922



10.4104, 23.0741, 37.8721

Rectangle

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



26.0200, 23.0741, 93.5248



38.4844, 23.0741, 48.0309



18.2950, 23.0741, 2.2922



10.9711, 23.0741, 10.9803

Sweetspot

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



26.0211, 23.0747, 93.5254



64.6932, 68.5175, 104.4233



41.3976, 71.3621, 44.5951



13.0949, 13.8568, 22.2344



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.



26.0211, 23.0747, 93.5254



23.3447, 17.8094, 96.8149



19.6221, 9.3004, 91.2040



16.8836, 17.8440, 21.9397



11.9807, 9.3170, 49.1405



1.2119, 1.0675, 4.5854

Inverse Universe

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



44.1807, 23.4965, 22.9758



43.9125, 22.3290, 16.0033



69.2013, 86.3765, 15.1248



17.5478, 17.3465, 19.4743



22.3393, 11.3515, 8.4954



2.1206, 1.0720, 1.0587

Previews

White Background



This preview shows how the XYZ color 26.0200, 23.0741, 93.5248 looks on a white background.

Color Contrast Check

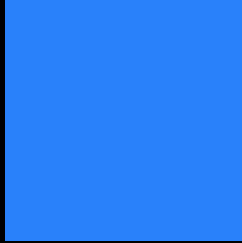
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0200, 23.0741, 93.5248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

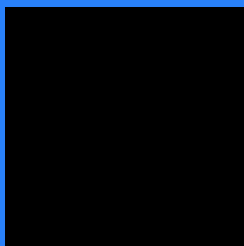
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

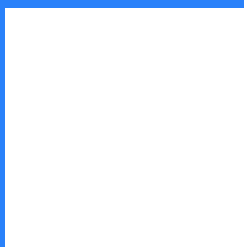
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0200, 23.0741, 93.5248

Background



This preview shows how black text looks on a background with the XYZ color 26.0200, 23.0741, 93.5248.



This preview shows how white text looks on a background with the XYZ color 26.0200, 23.0741,

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

26.0200, 23.0741, 93.5248

Protanopia

26.7126, 23.0799, 91.8539

Deuteranopia

23.3764, 22.9907, 81.0475



Tritanopia

16.2796, 22.9581, 35.0258

Trichromacy



Original Color

26.0200, 23.0741, 93.5248

Protanomaly

26.4489, 23.1186, 92.6909

Deuteranomaly

24.1764, 22.8954, 85.5831

Tritanomaly

18.8693, 22.5754, 52.0782

Monochromacy



Original Color

26.0200, 23.0741, 93.5248

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.7487, 18.5152, 38.2356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0200, 23.0741, 93.5248 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(41, 129, 250)` looks like.

```
.text, #text, p{  
    color:rgb(41, 129, 250)  
}
```

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(41, 129, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 129, 250) }
```

Border

The CSS property to change the border of an element to XYZ 26.0200, 23.0741, 93.5248 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(41, 129, 250) }
```


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

```
.border{ border-color:rgb(41, 129, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 129, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 129, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 129, 250);  
box-shadow:4px 4px 4px 4px rgb(41, 129,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0200, 23.0741, 93.5248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 129, 250) }
```

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

```
.background{ background-color: rgb(41, 129,  
250) }
```

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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