

Converting Colors

XYZ(26.3969, 26.3166, 72.3960)

Have a look what the booklet for
XYZ(26.3969, 26.3166, 72.3960)
contains.

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Color

**XYZ(26.3223, 26.2015,
72.0767)**

Conversions

Conversions Part 1

Format	Color
Hex	558DDD
RGB	85, 141, 221
RGB Percent	33%, 55%, 87%
CMY	0.6666, 0.4471, 0.1333
CMYK	0.62, 0.36, 0.00, 0.13
HSL	215°, 67%, 60%
HSV	215°, 62%, 87%
XYZ	26.3223, 26.2015, 72.0767
YIQ	133.3760, -59.0560, 13.0080

Conversions

Conversions Part 2

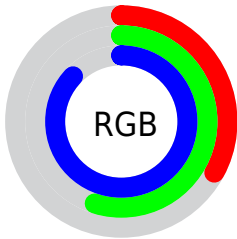
Format	Color
R _Y B	85, 125, 221
Decimal	5606877
CIE Lab	58.23, 5.96, -46.33
CIE LCh	58, 46.708, 277.335
Yxy	26.2015, 0.2113, 0.2103
Android (android.graphics.Color)	4283796957 (0xFF558DDD)
YUV	133.3760, 43.1986, -42.4258
Hunter-Lab	51.1874, 2.2128, -47.6547

Details

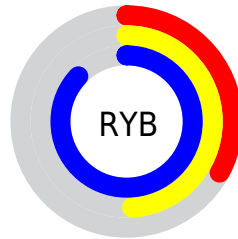
The XYZ color **26.3223, 26.2015, 72.0767** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **44.9152, 42.9406, 14.5168**, and the grayscale version is **22.2952, 23.4563, 25.5439**.

A 20% lighter version of the original color is **49.0188, 51.8233, 102.0271**, and **10.5326, 10.1988, 37.0107** is the 20% darker color. If you saturate the color by 10%, you get **22.8145, 21.7129, 71.3957**, and if you desaturate by 10%, it is **30.6835, 31.4649, 72.8633**.

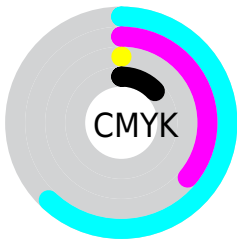
Distribution



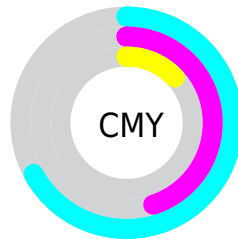
- Red (33%)
- Green (55%)
- Blue (87%)



- Red (33%)
- Yellow (49%)
- Blue (87%)



- Cyan (62%)
- Magenta (36%)
- Yellow (0%)
- Black (13%)



- Cyan (67%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3223, 26.2015, 72.0767 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 26.3223, 26.2015, 72.0767 by changing the saturation by 10% instead.

■ 26.3223, 26.2015,
72.0767

■ 26.3223, 26.2015,
72.0767

276.5884,
283.7698, 486.7932

■ 17.1989, 16.9744,
52.7341

■ 53.2220, 53.5998,
123.8743

■ 10.4726, 10.2163,
37.2043

■ 71.7291, 72.5399,
157.1664

■ 5.7780, 5.5426,
25.0687

■ 94.0946, 95.4864,
195.9454

■ 2.7500, 2.5690,
15.9087

■ 120.6841,
122.8238, 240.6299

■ 1.0230, 0.9111,
9.3059

151.8629,
154.9365, 291.6384

■ 0.0000, 0.0000,
4.8417

187.9963,

■ 0.0000, 0.0000,

192.2087, 349.3894

2.0976

229.4497,
235.0251, 414.3015

■ 0.0000, 0.0000,
0.6143

■ 0.0000, 0.0000,
0.0000

■ 26.3223, 26.2015,
72.0767

■ 26.3223, 26.2015,
72.0767

■ 22.8145, 21.7129,
71.3957

■ 30.6835, 31.4649,
72.8633

■ 20.0888, 17.9496,
70.8130

■ 35.9552, 37.5423,
73.7585

■ 18.0655, 14.8588,
70.3231

■ 42.1927, 44.4730,
74.7675

■ 16.7920, 12.7020,
69.9739

■ 49.4458, 52.2927,
75.8946

■ 57.7605, 61.0349,
77.1438

■ 67.1801, 70.7308,
78.5188

■ 77.7452, 81.4106,
80.0234

■ 86.9453, 91.7886,
81.5417

■ 90.0513, 98.0005,
82.5770

Harmonies

Analogous

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



20.9329, 26.2015, 68.1497



26.3223, 26.2015, 72.0767



32.1213, 26.2015, 61.2690

Triad

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



26.3223, 26.2015, 72.0767



34.6213, 26.2015, 13.4688



16.1342, 26.2015, 18.1058

Complementary

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



26.3223, 26.2015, 72.0767



44.9152, 42.9406, 14.5168

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.



18.8575, 26.2015, 10.2029



26.3223, 26.2015, 72.0767



29.3474, 26.2015, 8.3227

Square

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



26.3223, 26.2015, 72.0767



37.3631, 26.2015, 24.7240



23.5371, 26.2015, 7.4096



15.5769, 26.2015, 32.7055

Rectangle

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



26.3223, 26.2015, 72.0767



35.2601, 26.2015, 48.9269



23.5371, 26.2015, 7.4096



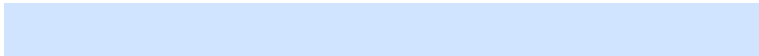
16.8042, 26.2015, 14.7729

Sweetspot

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



26.3233, 26.2024, 72.0774



72.1160, 76.2762, 105.5296



36.3349, 56.3375, 44.2407



14.7427, 15.5922, 22.4825



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.



26.3233, 26.2024, 72.0774



30.2898, 28.3341, 98.4803



21.1600, 14.2238, 70.0374



12.7768, 13.4934, 16.5832



9.8602, 7.5897, 40.6837



0.7223, 0.6588, 2.6635

Inverse Universe

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



37.8759, 23.7935, 27.7963



48.2396, 27.2051, 29.0927



53.9805, 66.0223, 18.4942



13.2772, 13.1400, 14.7211



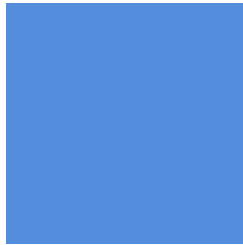
18.4723, 9.3900, 6.8671



1.2389, 0.6252, 0.6670

Previews

White Background



This preview shows how the XYZ color 26.3223, 26.2015, 72.0767 looks on a white background.

Color Contrast Check

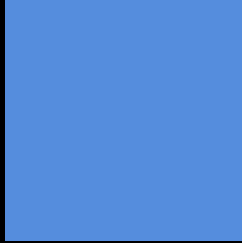
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3223, 26.2015, 72.0767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

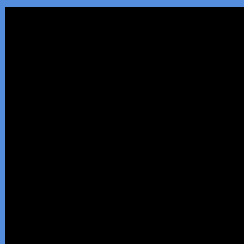
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

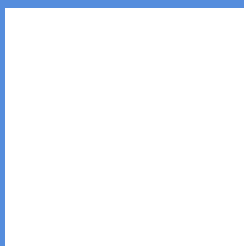
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3223, 26.2015, 72.0767

Background



This preview shows how black text looks on a background with the XYZ color 26.3223, 26.2015, 72.0767.

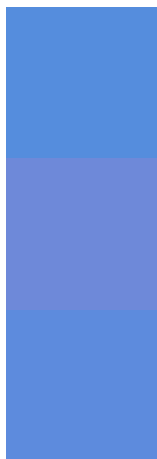


This preview shows how white text looks on a background with the XYZ color 26.3223, 26.2015,

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

26.3223, 26.2015, 72.0767

Protanopia

27.9005, 26.2161, 69.2353

Deuteranopia

26.7980, 26.0129, 72.0152



Tritanopia

19.7647, 26.0726, 39.5881

Trichromacy



Original Color

26.3223, 26.2015, 72.0767

Protanomaly

27.1102, 26.0056, 69.9204

Deuteranomaly

26.6457, 26.1503, 72.0497

Tritanomaly

21.7308, 25.9115, 49.7550

Monochromacy



Original Color

26.3223, 26.2015, 72.0767

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.7981, 24.0379, 39.0355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3223, 26.2015, 72.0767 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(85, 141, 221)` looks like.

```
.text, #text, p{  
    color:rgb(85, 141, 221)  
}
```

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(85, 141, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 141, 221) }
```

Border

The CSS property to change the border of an element to XYZ 26.3223, 26.2015, 72.0767 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(85, 141, 221) }
```


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

```
.border{ border-color:rgb(85, 141, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 141, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 141, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 141, 221);  
box-shadow:4px 4px 4px 4px rgb(85, 141,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3223, 26.2015, 72.0767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 141, 221) }
```

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

```
.background{ background-color: rgb(85, 141,  
221) }
```

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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