

Converting Colors

XYZ(26.2716, 26.1057, 52.6928)

Have a look what the booklet for
XYZ(26.2716, 26.1057, 52.6928)
contains.

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Color

**XYZ(26.3823, 26.2199,
52.9607)**

Conversions

Conversions Part 1

Format	Color
Hex	788BBF
RGB	120, 139, 191
RGB Percent	47%, 55%, 75%
CMY	0.5294, 0.4549, 0.2510
CMYK	0.37, 0.27, 0.00, 0.25
HSL	224°, 36%, 61%
HSV	224°, 37%, 75%
XYZ	26.3823, 26.2199, 52.9607
YIQ	139.2470, -28.0160, 12.1440

Conversions

Conversions Part 2

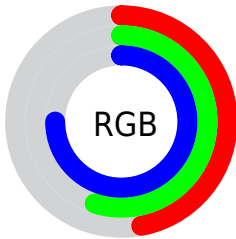
Format	Color
R_{YB}	120, 135, 191
Decimal	7900095
CIE _{Lab}	58.25, 6.14, -29.28
CIE _{LCh}	58, 29.915, 281.836
Yxy	26.2199, 0.2499, 0.2484
Android (android.graphics.Color)	4286090175 (0xFF788BBF)
YUV	139.2470, 25.5142, -16.8796
Hunter-Lab	51.2054, 2.3583, -25.4787

Details

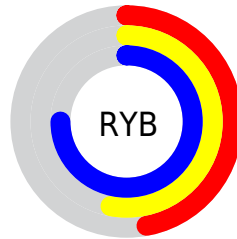
The XYZ color **26.3823, 26.2199, 52.9607** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **39.6292, 41.9381, 23.7764**, and the grayscale version is **24.5489, 25.8274, 28.1260**.

A 20% lighter version of the original color is **53.2485, 53.4753, 96.3222**, and **10.4716, 10.1798, 25.0799** is the 20% darker color. If you saturate the color by 10%, you get **22.0954, 21.1935, 52.2169**, and if you desaturate by 10%, it is **31.4585, 32.0391, 53.8168**.

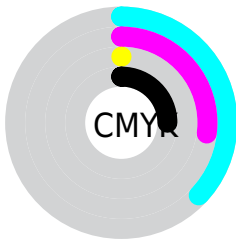
Distribution



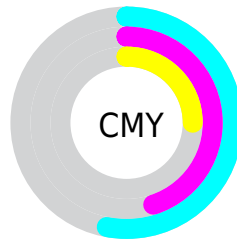
- Red (47%)
- Green (55%)
- Blue (75%)



- Red (47%)
- Yellow (53%)
- Blue (75%)



- Cyan (37%)
- Magenta (27%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (45%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3823, 26.2199, 52.9607 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 26.3823, 26.2199, 52.9607 by changing the saturation by 10% instead.

■ 26.3823, 26.2199,
52.9607

■ 26.3823, 26.2199,
52.9607

276.8762,
283.8599, 415.1963

■ 17.2440, 16.9882,
37.3839

■ 53.3180, 53.6295,
95.9875

■ 10.5050, 10.2261,
25.2067

■ 71.8461, 72.5762,
124.2746

■ 5.7999, 5.5491,
16.0107

■ 94.2349, 95.5300,
157.6355

■ 2.7633, 2.5729,
9.3773

120.8497,
122.8754, 196.4887

■ 1.0299, 0.9131,
4.8879

152.0558,
154.9966, 241.2529

■ 0.0000, 0.0000,
2.1241

188.2187,

■ 0.0000, 0.0000,

192.2782, 292.3466

0.6300

229.7037,
235.1045, 350.1882

■ 0.0000, 0.0000,
0.0000

■ 26.3823, 26.2199,
52.9607

■ 26.3823, 26.2199,
52.9607

■ 22.0954, 21.1935,
52.2169

■ 31.4585, 32.0391,
53.8168

■ 18.5538, 16.9210,
51.5789

■ 37.3597, 38.6815,
54.7879

■ 15.7131, 13.3647,
51.0422

■ 44.1222, 46.1794,
55.8788

■ 13.5227, 10.4822,
50.6013

■ 51.7796, 54.5627,
57.0933

■ 11.9246, 8.2255,
50.2499

■ 60.3637, 63.8596,
58.4353

■ 10.8412, 6.5355,
49.9808

■ 69.9045, 74.0970,
59.9085

■ 10.5929, 6.1392,
49.9174

■ 80.4308, 85.3007,
61.5163

■ 85.1139, 93.9613,
62.9411

■ 86.4041, 96.5416,
63.3711

Harmonies

Analogous

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



22.8054, 26.2199, 52.1020



26.3823, 26.2199, 52.9607



29.8793, 26.2199, 46.2086

Triad

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



26.3823, 26.2199, 52.9607



30.4993, 26.2199, 17.1718



18.8532, 26.2199, 22.7530

Complementary

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



26.3823, 26.2199, 52.9607



39.6292, 41.9381, 23.7764

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.



20.5444, 26.2199, 16.0824



26.3823, 26.2199, 52.9607



27.1640, 26.2199, 13.4416

Square

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



26.3823, 26.2199, 52.9607



32.4062, 26.2199, 24.6374



23.5151, 26.2199, 13.0985



18.6879, 26.2199, 32.8541

Rectangle

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



26.3823, 26.2199, 52.9607



31.6041, 26.2199, 39.0765



23.5151, 26.2199, 13.0985



19.2538, 26.2199, 20.1056

Sweetspot

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



26.3832, 26.2209, 52.9613



73.9855, 77.1445, 99.2701



33.7168, 44.1911, 45.2232



15.8802, 16.5342, 21.7397



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.3832, 26.2209, 52.9613



40.6081, 39.1853, 93.7024



26.1747, 22.3782, 52.2306



9.2186, 9.6296, 12.0450



7.0191, 4.1500, 32.8240



0.3310, 0.2746, 1.3044

Inverse Universe

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



32.8633, 26.3743, 27.7858



54.1588, 40.2051, 40.9003



39.8396, 47.8038, 24.8975



9.6322, 9.5772, 10.4523



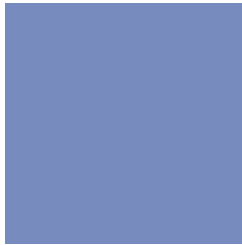
14.5437, 7.4486, 2.8908



0.5980, 0.3031, 0.2621

Previews

White Background



This preview shows how the XYZ color 26.3823, 26.2199, 52.9607 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 26.3823, 26.2199, 52.9607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

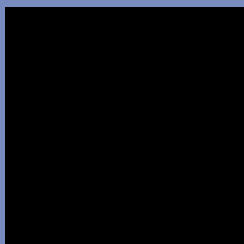
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

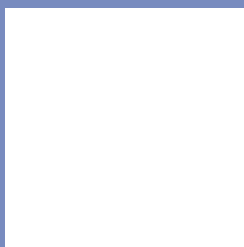
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3823, 26.2199, 52.9607

Background



This preview shows how black text looks on a background with the XYZ color 26.3823, 26.2199, 52.9607.

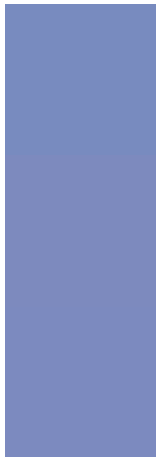


This preview shows how white text looks on a background with the XYZ color 26.3823, 26.2199,

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

26.3823, 26.2199, 52.9607

Protanopia

26.8402, 26.2546, 52.3682

Deuteranopia

26.8046, 26.2236, 52.9391



Tritanopia

22.8933, 26.1299, 35.7353

Trichromacy



Original Color

26.3823, 26.2199, 52.9607

Protanomaly

26.5511, 26.1056, 52.3547

Deuteranomaly

26.6608, 26.1495, 52.9324

Tritanomaly

24.0541, 26.1543, 41.3166

Monochromacy



Original Color

26.3823, 26.2199, 52.9607

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.9199, 25.8394, 36.0218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3823, 26.2199, 52.9607 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(120, 139, 191)` looks like.

```
.text, #text, p{  
    color:rgb(120, 139, 191)  
}
```

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(120, 139, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 139, 191) }
```

Border

The CSS property to change the border of an element to XYZ 26.3823, 26.2199, 52.9607 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(120, 139, 191) }
```


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

```
.border{ border-color:rgb(120, 139, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 139, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 139, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 139, 191);  
box-shadow:4px 4px 4px 4px rgb(120, 139,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3823, 26.2199, 52.9607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 139, 191) }
```

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

```
.background{ background-color: rgb(120,  
139, 191) }
```

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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