

Converting Colors

XYZ(26.6339, 25.9128, 72.7052)

Have a look what the booklet for
XYZ(26.6339, 25.9128, 72.7052)
contains.

XYZ(26.6339, 25.9128, 72.7052)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.6339, 25.9128,
72.7052)**

Conversions

Conversions Part 1

Format	Color
Hex	5A8BDE
RGB	90, 139, 222
RGB Percent	35%, 55%, 87%
CMY	0.6470, 0.4549, 0.1294
CMYK	0.59, 0.37, 0.00, 0.13
HSL	218°, 67%, 61%
HSV	218°, 59%, 87%
XYZ	26.6339, 25.9128, 72.7052
YIQ	133.8110, -55.8470, 15.4250

Conversions

Conversions Part 2

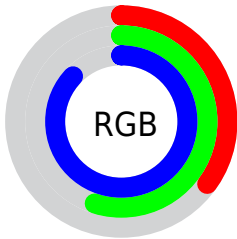
Format	Color
R_{YB}	90, 126, 222
Decimal	5934046
CIE _{Lab}	57.95, 8.42, -47.30
CIE _{LCh}	58, 48.046, 280.097
Yxy	25.9128, 0.2126, 0.2069
Android (android.graphics.Color)	4284124126 (0xFF5A8BDE)
YUV	133.8110, 43.4772, -38.4222
Hunter-Lab	50.9046, 4.3102, -49.0485




Details

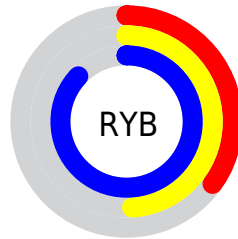
The XYZ color **26.6339, 25.9128, 72.7052** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **46.9150, 46.1576, 16.1111**, and the grayscale version is **22.4520, 23.6212, 25.7235**.




A 20% lighter version of the original color is **49.2941, 51.3088, 101.9133**, and **10.6518, 10.1236, 37.4690** is the 20% darker color. If you saturate the color by 10%, you get **22.8943, 21.1738, 71.9881**, and if you desaturate by 10%, it is **31.2783, 31.5021, 73.5398**.

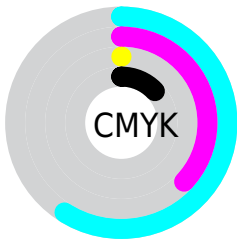
Distribution







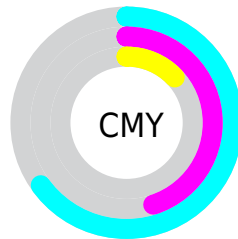
-  Red (35%)
-  Green (55%)
-  Blue (87%)






-  Red (35%)
-  Yellow (49%)
-  Blue (87%)



-  Cyan (59%)
-  Magenta (37%)
-  Yellow (0%)
-  Black (13%)



-  Cyan (65%)
-  Magenta (45%)
-  Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6339, 25.9128, 72.7052 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 26.6339, 25.9128, 72.7052 by changing the saturation by 10% instead.

■ 26.6339, 25.9128,
72.7052

■ 26.6339, 25.9128,
72.7052

278.0801,
282.3538, 489.0358

■ 17.4336, 16.7584,
53.2446

■ 53.7199, 53.1342,
124.7756

■ 10.6414, 10.0624,
37.6090

■ 72.3363, 71.9701,
158.2226

■ 5.8917, 5.4403,
25.3799

■ 94.8221, 94.8019,
197.1687

■ 2.8194, 2.5079,
16.1387

■ 121.5427,
122.0140, 242.0325

■ 1.0590, 0.8806,
9.4670

152.8635,
153.9908, 293.2326

■ 0.0000, 0.0000,
4.9460

189.1497,

■ 0.0000, 0.0000,

191.1168, 351.1875

2.1574

230.7668,
233.7763, 416.3157

■ 0.0000, 0.0000,
0.6497

■ 0.0000, 0.0000,
0.0000

■ 26.6339, 25.9128,
72.7052

■ 26.6339, 25.9128,
72.7052

■ 22.8943, 21.1738,
71.9881

■ 31.2783, 31.5021,
73.5398

■ 19.9874, 17.2325,
71.3806

■ 36.8857, 37.9843,
74.4954

■ 17.8337, 14.0330,
70.8765

■ 43.5127, 45.4018,
75.5779

■ 16.3058, 11.4932,
70.4668

■ 51.2102, 53.7934,
76.7919

■ 16.2328, 11.3697,
70.4468

■ 60.0258, 63.1954,
78.1421

■ 70.0039, 73.6420,
79.6325

■ 81.1865, 85.1658,
81.2675

■ 88.8219, 95.3280,
82.8265

■ 90.1849, 98.0540,
83.2809

Harmonies

Analogous

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



21.0293, 25.9128, 70.0852



26.6339, 25.9128, 72.7052



32.5213, 25.9128, 60.3211

Triad

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



26.6339, 25.9128, 72.7052



34.1684, 25.9128, 12.2540



15.5717, 25.9128, 18.6901

Complementary

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



26.6339, 25.9128, 72.7052



46.9150, 46.1576, 16.1111

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.



18.1301, 25.9128, 10.1734



26.6339, 25.9128, 72.7052



28.6184, 25.9128, 7.5954

Square

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



26.6339, 25.9128, 72.7052



37.3011, 25.9128, 22.9841



22.7280, 25.9128, 7.0222



15.2115, 25.9128, 34.1840

Rectangle

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



26.6339, 25.9128, 72.7052



35.5999, 25.9128, 47.2892



22.7280, 25.9128, 7.0222



16.1816, 25.9128, 15.1140

Sweetspot

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



26.6349, 25.9137, 72.7059



71.6066, 75.2574, 105.3598



37.7278, 57.3727, 47.8155



14.6194, 15.3455, 22.4414



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.



26.6349, 25.9137, 72.7059



30.4177, 27.7689, 98.3645



22.7152, 15.6154, 70.9247



13.3667, 14.0725, 17.3995



9.7397, 6.9489, 41.8763



0.7589, 0.6492, 2.9306

Inverse Universe

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



38.4415, 24.7074, 27.1696



48.5046, 28.0785, 28.1225



53.5882, 66.1894, 19.6259



13.9166, 13.7843, 15.3308



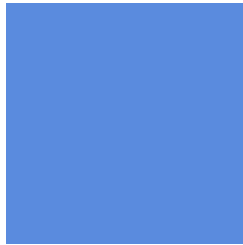
18.8563, 9.6095, 5.9093



1.3493, 0.6830, 0.6323

Previews

White Background



This preview shows how the XYZ color 26.6339, 25.9128, 72.7052 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 26.6339, 25.9128, 72.7052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

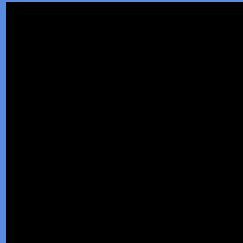
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

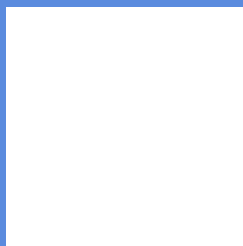
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6339, 25.9128, 72.7052

Background



This preview shows how black text looks on a background with the XYZ color 26.6339, 25.9128, 72.7052.

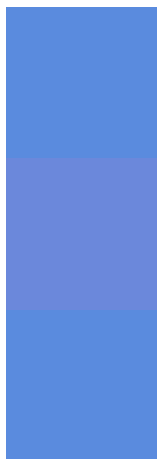


This preview shows how white text looks on a background with the XYZ color 26.6339, 25.9128,

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

26.6339, 25.9128, 72.7052

Protanopia

27.6537, 25.8486, 70.5496

Deuteranopia

26.6339, 25.9128, 72.7052



Tritanopia

19.7918, 25.8675, 38.6001

Trichromacy



Original Color

26.6339, 25.9128, 72.7052

Protanomaly

27.2308, 25.8253, 71.2597

Deuteranomaly

26.6339, 25.9128, 72.7052

Tritanomaly

21.8331, 25.7446, 49.1659

Monochromacy



Original Color

26.6339, 25.9128, 72.7052

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.1583, 24.2130, 39.5294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6339, 25.9128, 72.7052 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(90, 139, 222) looks like.

```
.text, #text, p{  
    color:rgb(90, 139, 222)  
}
```

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(90, 139, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 139, 222) }
```

Border

The CSS property to change the border of an element to XYZ 26.6339, 25.9128, 72.7052 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(90, 139, 222) }
```


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

```
.border{ border-color:rgb(90, 139, 222) }
```

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

Here you see how a box with a 4 pixel rgb(90, 139, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 139, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 139, 222);  
box-shadow:4px 4px 4px 4px rgb(90, 139,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6339, 25.9128, 72.7052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 139, 222) }
```

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

```
.background{ background-color: rgb(90, 139,  
222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor