

Converting Colors

XYZ(26.5640, 26.5968, 72.9089)

Have a look what the booklet for
XYZ(26.5640, 26.5968, 72.9089)
contains.

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Color

**XYZ(26.5140, 26.5047,
72.8257)**

Conversions

Conversions Part 1

Format	Color
Hex	548EDE
RGB	84, 142, 222
RGB Percent	33%, 56%, 87%
CMY	0.6706, 0.4431, 0.1294
CMYK	0.62, 0.36, 0.00, 0.13
HSL	215°, 68%, 60%
HSV	215°, 62%, 87%
XYZ	26.5140, 26.5047, 72.8257
YIQ	133.7780, -60.2480, 12.5840

Conversions

Conversions Part 2

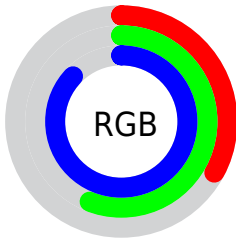
Format	Color
R_{YB}	84, 125, 222
Decimal	5541598
CIE _{Lab}	58.51, 5.52, -46.44
CIE _{LCh}	59, 46.763, 276.783
Yxy	26.5047, 0.2107, 0.2106
Android (android.graphics.Color)	4283731678 (0xFF548EDE)
YUV	133.7780, 43.4934, -43.6553
Hunter-Lab	51.4827, 1.8341, -47.8317

Details

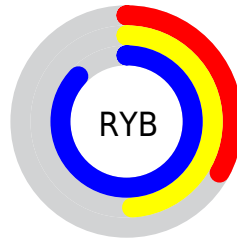
The XYZ color **26.5140, 26.5047, 72.8257** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **45.0018, 42.7236, 14.2638**, and the grayscale version is **22.4411, 23.6098, 25.7111**.

A 20% lighter version of the original color is **49.0667, 52.1795, 102.0933**, and **10.7101, 10.4075, 37.5208** is the 20% darker color. If you saturate the color by 10%, you get **23.0271, 22.0270, 72.1458**, and if you desaturate by 10%, it is **30.8536, 31.7509, 73.6102**.

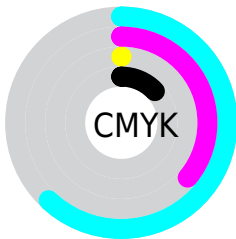
Distribution



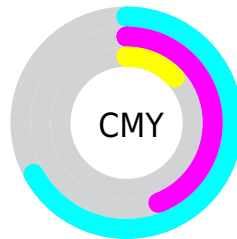
- Red (33%)
- Green (56%)
- Blue (87%)



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



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



- Cyan (67%)
- Magenta (44%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5140, 26.5047, 72.8257 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 26.5140, 26.5047, 72.8257 by changing the saturation by 10% instead.

■ 26.5140, 26.5047,
72.8257

■ 26.5140, 26.5047,
72.8257

277.5069,
285.2509, 489.4651

■ 17.3433, 17.2016,
53.3425

■ 53.5284, 54.0880,
124.9484

■ 10.5763, 10.3783,
37.6867

■ 72.1028, 73.1371,
158.4249

■ 5.8479, 5.6505,
25.4396

■ 94.5424, 96.2035,
197.4030

■ 2.7926, 2.6338,
16.1829

■ 121.2127,
123.6718, 242.3011

■ 1.0451, 0.9437,
9.4979

152.4789,
155.9262, 293.5378

■ 0.0000, 0.0000,
4.9661

188.7064,

■ 0.0000, 0.0000,

193.3513, 351.5317

2.1690

230.2606,
236.3314, 416.7013

■ 0.0000, 0.0000,
0.6564

■ 0.0000, 0.0000,
0.0000

■ 26.5140, 26.5047,
72.8257

■ 26.5140, 26.5047,
72.8257

■ 23.0271, 22.0270,
72.1458

■ 30.8536, 31.7509,
73.6102

■ 20.3204, 18.2683,
71.5629

■ 36.1036, 37.8049,
74.5020

■ 18.3127, 15.1754,
71.0717

■ 42.3200, 44.7061,
75.5064

■ 17.1255, 13.1552,
70.7444

■ 49.5529, 52.4899,
76.6276

■ 57.8491, 61.1897,
77.8696

■ 67.2519, 70.8370,
79.2361

■ 77.8024, 81.4614,
80.7308

■ 87.0661, 91.8164,
82.2412

■ 90.1849, 98.0540,
83.2808

Harmonies

Analogous

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



21.0983, 26.5047, 68.5891



26.5140, 26.5047, 72.8257



32.3718, 26.5047, 62.1718

Triad

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



26.5140, 26.5047, 72.8257



35.0725, 26.5047, 13.8032



16.3722, 26.5047, 18.1333

Complementary

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



26.5140, 26.5047, 72.8257



45.0018, 42.7236, 14.2638

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.



19.1608, 26.5047, 10.2625



26.5140, 26.5047, 72.8257



29.7835, 26.5047, 8.5054

Square

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



26.5140, 26.5047, 72.8257



37.7745, 26.5047, 25.2949



23.9145, 26.5047, 7.5141



15.7689, 26.5047, 32.7434

Rectangle

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



26.5140, 26.5047, 72.8257



35.5644, 26.5047, 49.7939



23.9145, 26.5047, 7.5141



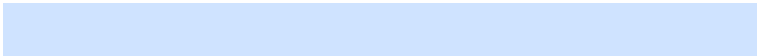
17.0621, 26.5047, 14.8091

Sweetspot

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



26.5150, 26.5056, 72.8264



71.1015, 75.3106, 105.3967



36.3181, 56.7440, 43.3161



14.5493, 15.4117, 22.4579



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.



26.5150, 26.5056, 72.8264



30.1404, 28.2861, 98.4789



20.8911, 13.9539, 70.7001



13.4231, 14.1852, 17.4182



10.2767, 8.0229, 42.0553



0.7994, 0.7303, 2.9441

Inverse Universe

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



38.1780, 23.8247, 28.1782



48.1030, 26.9161, 29.0958



55.1050, 66.9996, 18.4171



13.9450, 13.7956, 15.4806



19.1274, 9.7180, 7.3365



1.3698, 0.6912, 0.7400

Previews

White Background



This preview shows how the XYZ color 26.5140, 26.5047, 72.8257 looks on a white background.

Color Contrast Check

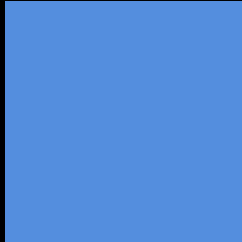
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5140, 26.5047, 72.8257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

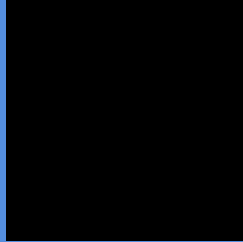
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5140, 26.5047, 72.8257

Background



This preview shows how black text looks on a background with the XYZ color 26.5140, 26.5047, 72.8257.

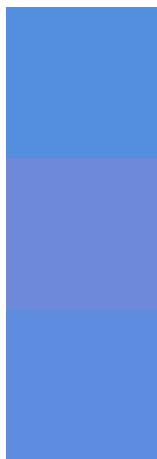


This preview shows how white text looks on a background with the XYZ color 26.5140, 26.5047,

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

26.5140, 26.5047, 72.8257

Protanopia

28.0310, 26.2683, 69.9226

Deuteranopia

27.1790, 26.4098, 72.7724



Tritanopia

19.9051, 26.3764, 40.1184

Trichromacy



Original Color

26.5140, 26.5047, 72.8257

Protanomaly

27.3856, 26.3464, 70.6598

Deuteranomaly

26.9261, 26.4973, 72.8026

Tritanomaly

21.8571, 26.1983, 50.3592

Monochromacy



Original Color

26.5140, 26.5047, 72.8257

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.0311, 24.3575, 39.5640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5140, 26.5047, 72.8257 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(84, 142, 222)` looks like.

```
.text, #text, p{  
    color:rgb(84, 142, 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(84, 142, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 142, 222) }
```

Border

The CSS property to change the border of an element to XYZ 26.5140, 26.5047, 72.8257 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(84, 142, 222) }
```


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

```
.border{ border-color:rgb(84, 142, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 142, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 142, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 142, 222);  
box-shadow:4px 4px 4px 4px rgb(84, 142,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5140, 26.5047, 72.8257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 142, 222) }
```

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

```
.background{ background-color: rgb(84, 142,  
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](#).

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