

Converting Colors

XYZ(25.3491, 26.1263, 62.7383)

Have a look what the booklet for
XYZ(25.3491, 26.1263, 62.7383)
contains.

XYZ(25.3491, 26.1263, 62.7383)	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(25.3491, 26.1263,
62.7383)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8ECF
RGB	92, 142, 207
RGB Percent	36%, 56%, 81%
CMY	0.6392, 0.4431, 0.1882
CMYK	0.56, 0.31, 0.00, 0.19
HSL	214°, 55%, 59%
HSV	214°, 56%, 81%
XYZ	25.3491, 26.1263, 62.7383
YIQ	134.4600, -50.6650, 9.6150

Conversions

Conversions Part 2

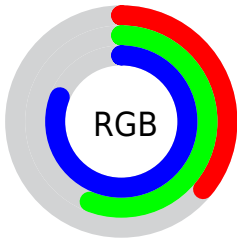
Format	Color
R_{YB}	92, 127, 207
Decimal	6065871
CIE Lab	58.16, 2.20, -38.57
CIE LCh	58, 38.632, 273.268
Yxy	26.1263, 0.2219, 0.2287
Android (android.graphics.Color)	4284255951 (0xFF5C8ECF)
YUV	134.4600, 35.7622, -37.2374
Hunter-Lab	51.1139, -0.9252, -36.9941

Details

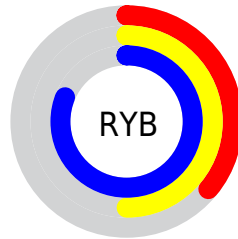
The XYZ color **25.3491, 26.1263, 62.7383** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **39.7220, 38.1537, 15.3973**, and the grayscale version is **22.7159, 23.8989, 26.0259**.

A 20% lighter version of the original color is **49.9595, 52.6398, 102.1351**, and **9.9206, 10.1409, 31.1403** is the 20% darker color. If you saturate the color by 10%, you get **21.9064, 21.9018, 62.1049**, and if you desaturate by 10%, it is **29.5413, 31.0093, 63.4604**.

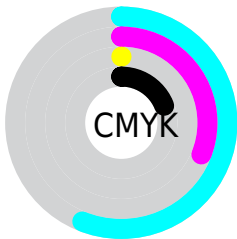
Distribution



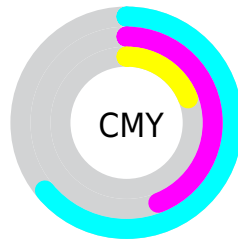
- Red (36%)
- Green (56%)
- Blue (81%)



- Red (36%)
- Yellow (50%)
- Blue (81%)



- Cyan (56%)
- Magenta (31%)
- Yellow (0%)
- Black (19%)



- Cyan (64%)
- Magenta (44%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3491, 26.1263, 62.7383 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 25.3491, 26.1263, 62.7383 by changing the saturation by 10% instead.

■ 25.3491, 26.1263,
62.7383

■ 25.3491, 26.1263,
62.7383

271.8877,
283.4015, 452.7009

■ 16.4675, 16.9182,
45.1899

■ 51.6618, 53.4786,
110.3738

■ 9.9485, 10.1762,
31.2630

■ 69.8236, 72.3916,
141.2980

■ 5.4268, 5.5159,
20.5390

■ 91.8095, 95.3083,
177.5178

■ 2.5371, 2.5530,
12.5995

■ 117.9848,
122.6131, 219.4518

■ 0.9140, 0.9031,
7.0259

148.7150,
154.6905, 267.5186

■ 0.0000, 0.0000,
3.3996

184.3652,

■ 0.0000, 0.0000,

191.9247, 322.1367

1.3021

225.3011,
234.7003, 383.7246

■ 0.0000, 0.0000,
0.0635

■ 0.0000, 0.0000,
0.0000

■ 25.3491, 26.1263,
62.7383

■ 25.3491, 26.1263,
62.7383

■ 21.9064, 21.9018,
62.1049

■ 29.5413, 31.0093,
63.4604

■ 19.1575, 18.2976,
61.5541

■ 34.5275, 36.5804,
64.2729

■ 17.0426, 15.2744,
61.0820

■ 40.3516, 42.8704,
65.1800

■ 15.4881, 12.7851,
60.6834

■ 47.0535, 49.9071,
66.1850

■ 14.9186, 11.8170,
60.5266

■ 54.6703, 57.7168,
67.2910

■ 63.2368, 66.3243,
68.5009

■ 72.7861, 75.7531,
69.8176

■ 82.3842, 85.5284,
71.1985

■ 85.8566, 92.4731,
72.3559

Harmonies

Analogous

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



20.9984, 26.1263, 58.2512



25.3491, 26.1263, 62.7383



30.1061, 26.1263, 55.9128

Triad

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



25.3491, 26.1263, 62.7383



33.1468, 26.1263, 16.5169



17.6276, 26.1263, 18.3531

Complementary

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



25.3491, 26.1263, 62.7383



39.7220, 38.1537, 15.3973

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.



20.2134, 26.1263, 11.8751



25.3491, 26.1263, 62.7383



29.1065, 26.1263, 11.0728

Square

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



25.3491, 26.1263, 62.7383



34.9497, 26.1263, 27.0022



24.3225, 26.1263, 9.6880



16.8842, 26.1263, 29.9426

Rectangle

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



25.3491, 26.1263, 62.7383



32.7698, 26.1263, 46.8238



24.3225, 26.1263, 9.6880



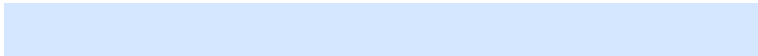
18.2926, 26.1263, 15.6442

Sweetspot

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



25.3501, 26.1272, 62.7389



73.5360, 78.0359, 105.7944



32.6648, 49.2767, 38.9115



15.2577, 16.1998, 22.5726



0.0000, 0.0000, 0.0000



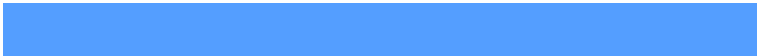
20.3446, 21.4041, 23.3091

Same Dimension

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



25.3501, 26.1272, 62.7389



34.0200, 33.7126, 99.3219



20.1008, 14.7433, 60.8183



11.5804, 12.2511, 14.9980



9.4897, 7.6260, 38.1643



0.6088, 0.5829, 2.1600

Inverse Universe

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



34.4426, 22.8738, 28.1917



50.6307, 30.1074, 35.6852



48.3999, 57.8511, 18.7419



12.0191, 11.8924, 13.3765



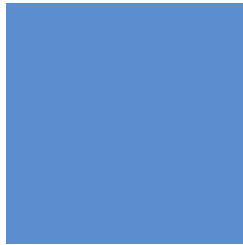
17.4207, 8.8411, 7.1216



1.0135, 0.5101, 0.6062

Previews

White Background



This preview shows how the XYZ color 25.3491, 26.1263, 62.7383 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 25.3491, 26.1263, 62.7383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

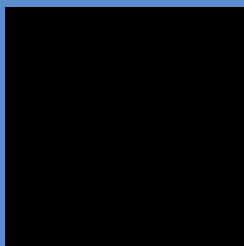
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

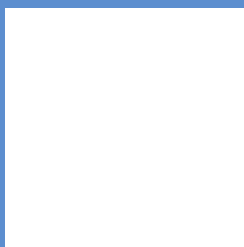
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3491, 26.1263, 62.7383

Background



This preview shows how black text looks on a background with the XYZ color 25.3491, 26.1263, 62.7383.

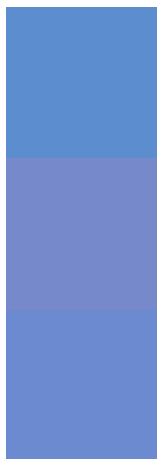


This preview shows how white text looks on a background with the XYZ color 25.3491, 26.1263,

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

25.3491, 26.1263, 62.7383

Protanopia

27.1964, 26.0547, 60.0956

Deuteranopia

26.6580, 25.9192, 63.2724



Tritanopia

20.5791, 26.2734, 38.6370

Trichromacy



Original Color

25.3491, 26.1263, 62.7383

Protanomaly

26.4384, 26.0761, 60.7665

Deuteranomaly

26.0973, 25.8441, 63.2874

Tritanomaly

22.1199, 26.1838, 46.5360

Monochromacy



Original Color

25.3491, 26.1263, 62.7383

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.9864, 24.3865, 37.2138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3491, 26.1263, 62.7383 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(92, 142, 207)` looks like.

```
.text, #text, p{  
    color:rgb(92, 142, 207)  
}
```

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(92, 142, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 142, 207) }
```

Border

The CSS property to change the border of an element to XYZ 25.3491, 26.1263, 62.7383 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(92, 142, 207) }
```


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

```
.border{ border-color:rgb(92, 142, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 142, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 142, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 142, 207);  
box-shadow:4px 4px 4px 4px rgb(92, 142,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3491, 26.1263, 62.7383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 142, 207) }
```

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

```
.background{ background-color: rgb(92, 142,  
207) }
```

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