

Converting Colors

XYZ(25.4237, 28.0115, 73.1740)

Have a look what the booklet for
XYZ(25.4237, 28.0115, 73.1740)
contains.

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Color

**XYZ(25.4237, 28.0115,
73.1740)**

Conversions

Conversions Part 1

Format	Color
Hex	2F97DE
RGB	47, 151, 222
RGB Percent	18%, 59%, 87%
CMY	0.8156, 0.4078, 0.1294
CMYK	0.79, 0.32, 0.00, 0.13
HSL	204°, 73%, 53%
HSV	204°, 79%, 87%
XYZ	25.4237, 28.0115, 73.1740
YIQ	127.9980, -84.7750, 0.0330

Conversions

Conversions Part 2

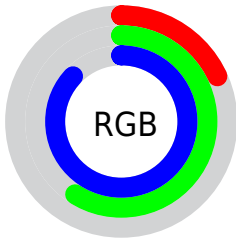
Format	Color
R _Y B	47, 112, 222
Decimal	3119070
CIE Lab	59.90, -4.99, -44.32
CIE LCh	60, 44.604, 263.573
Yxy	28.0115, 0.2008, 0.2212
Android (android.graphics.Color)	4281309150 (0xFF2F97DE)
YUV	127.9980, 46.3430, -71.0352
Hunter-Lab	52.9259, -6.8753, -44.9247

Details

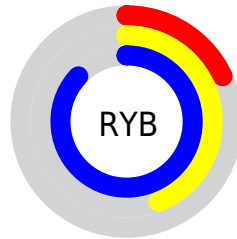
The XYZ color **25.4237, 28.0115, 73.1740** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **37.1178, 28.6951, 6.2732**, and the grayscale version is **20.3845, 21.4460, 23.3547**.

A 20% lighter version of the original color is **47.4891, 54.8046, 102.6831**, and **11.5366, 12.0605, 37.7963** is the 20% darker color. If you saturate the color by 10%, you get **23.2534, 24.8226, 72.6735**, and if you desaturate by 10%, it is **28.2268, 31.6918, 73.7372**.

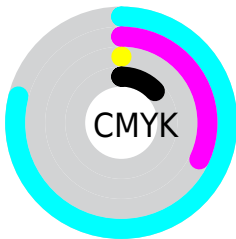
Distribution



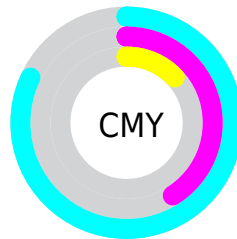
- Red (18%)
- Green (59%)
- Blue (87%)



- Red (18%)
- Yellow (44%)
- Blue (87%)



- Cyan (79%)
- Magenta (32%)
- Yellow (0%)
- Black (13%)



- Cyan (82%)
- Magenta (41%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4237, 28.0115, 73.1740 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 25.4237, 28.0115, 73.1740 by changing the saturation by 10% instead.

■ 25.4237, 28.0115,
73.1740

■ 25.4237, 28.0115,
73.1740

272.2504,
292.5219, 490.7046

■ 16.5234, 18.3343,
53.6256

■ 51.7817, 56.5028,
125.4474

■ 9.9885, 11.1903,
37.9112

■ 69.9702, 76.0857,
159.0094

■ 5.4535, 6.1950,
25.6125

■ 91.9854, 99.7393,
198.0798

■ 2.5532, 2.9640,
16.3108

■ 118.1927,
127.8481, 243.0769

■ 0.9222, 1.1130,
9.5876

■ 148.9575,
160.7963, 294.4194

■ 0.0000, 0.0000,
5.0244

184.6452,

■ 0.0000, 0.0000,

198.9684, 352.5259

2.2026

225.6210,
242.7488, 417.8147

■ 0.0000, 0.0000,
0.6759

■ 0.0000, 0.0000,
0.0000

■ 25.4237, 28.0115,
73.1740

■ 25.4237, 28.0115,
73.1740

■ 23.2534, 24.8226,
72.6735

■ 28.2268, 31.6918,
73.7372

■ 21.6034, 22.0623,
72.2276

■ 31.7314, 35.9014,
74.3650

■ 21.4262, 21.7565,
72.1779

■ 35.9995, 40.6760,
75.0617

■ 41.0852, 46.0468,
75.8303

■ 47.0371, 52.0421,
76.6738

■ 53.8998, 58.6880,
77.5949

■ 61.7147, 66.0090,
78.5961

■ 70.5205, 74.0279,
79.6798

■ 80.3535, 82.7666,
80.8483

Harmonies

Analogous

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



20.6671, 28.0115, 63.1055



25.4237, 28.0115, 73.1740



31.2210, 28.0115, 68.9450

Triad

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



25.4237, 28.0115, 73.1740



37.9044, 28.0115, 19.6500



18.7880, 28.0115, 15.4760

Complementary

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



25.4237, 28.0115, 73.1740



37.1178, 28.6951, 6.2732

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.



22.5021, 28.0115, 9.9149



25.4237, 28.0115, 73.1740



33.6280, 28.0115, 11.6586

Square

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



25.4237, 28.0115, 73.1740



38.9779, 28.0115, 34.1255



27.8617, 28.0115, 8.8200



17.2026, 28.0115, 27.1404

Rectangle

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



25.4237, 28.0115, 73.1740



34.8578, 28.0115, 59.1341



27.8617, 28.0115, 8.8200



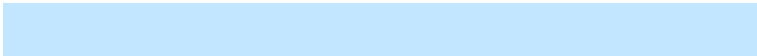
19.8012, 28.0115, 13.0250

Sweetspot

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



25.4248, 28.0124, 73.1747



68.5906, 75.3505, 105.5367



30.5059, 54.1322, 25.6731



13.9804, 15.4439, 22.4941



0.0000, 0.0000, 0.0000



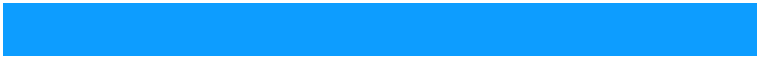
20.3446, 21.4041, 23.3091

Same Dimension

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



25.4248, 28.0124, 73.1747



30.2202, 31.3194, 99.0602



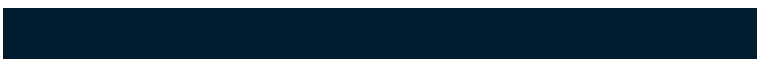
16.2203, 9.6036, 70.1066



13.6258, 14.5908, 17.4858



12.8384, 13.1464, 42.9092



0.9771, 1.0857, 3.0033

Inverse Universe

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



36.7276, 19.7983, 31.1646



47.4418, 23.9659, 33.8938



52.3502, 59.1599, 11.3507



14.0474, 13.8366, 16.0196



20.4204, 10.2352, 14.1456



1.4595, 0.7271, 1.2124

Previews

White Background



This preview shows how the XYZ color 25.4237, 28.0115, 73.1740 looks on a white background.

Color Contrast Check

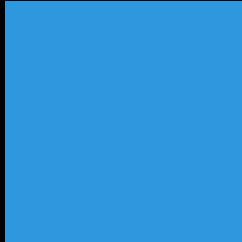
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4237, 28.0115, 73.1740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

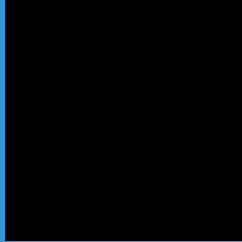
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

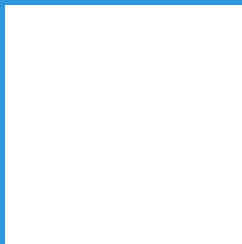
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4237, 28.0115, 73.1740

Background



This preview shows how black text looks on a background with the XYZ color 25.4237, 28.0115, 73.1740.

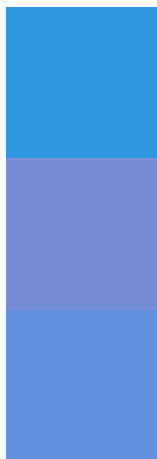


This preview shows how white text looks on a background with the XYZ color 25.4237, 28.0115,

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

25.4237, 28.0115, 73.1740

Protanopia

29.1429, 27.7758, 66.7761

Deuteranopia

28.6438, 27.7934, 74.3760



Tritanopia

19.8445, 27.7748, 43.3449

Trichromacy



Original Color

25.4237, 28.0115, 73.1740

Protanomaly

27.0343, 27.5358, 68.8558

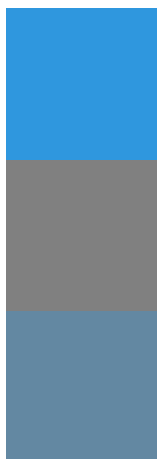
Deuteranomaly

26.9915, 27.6348, 73.7235

Tritanomaly

21.4139, 27.6138, 52.9166

Monochromacy



Original Color

25.4237, 28.0115, 73.1740

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.4713, 22.8696, 37.5177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4237, 28.0115, 73.1740 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(47, 151, 222)` looks like.

```
.text, #text, p{  
    color:rgb(47, 151, 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(47, 151, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 151, 222) }
```

Border

The CSS property to change the border of an element to XYZ 25.4237, 28.0115, 73.1740 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(47, 151, 222) }
```


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

```
.border{ border-color:rgb(47, 151, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 151, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 151, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 151, 222);  
box-shadow:4px 4px 4px 4px rgb(47, 151,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4237, 28.0115, 73.1740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 151, 222) }
```

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

```
.background{ background-color: rgb(47, 151,  
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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