

Converting Colors

XYZ(24.2553, 23.3821, 83.4705)

Have a look what the booklet for
XYZ(24.2553, 23.3821, 83.4705)
contains.

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Color

**XYZ(24.2372, 23.3842,
83.3569)**

Conversions

Conversions Part 1

Format	Color
Hex	1A86ED
RGB	26, 134, 237
RGB Percent	10%, 53%, 93%
CMY	0.8979, 0.4745, 0.0706
CMYK	0.89, 0.43, 0.00, 0.07
HSL	209°, 85%, 52%
HSV	209°, 89%, 93%
XYZ	24.2372, 23.3842, 83.3569
YIQ	113.4500, -97.4310, 9.1370

Conversions

Conversions Part 2

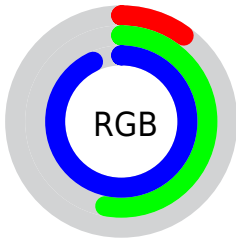
Format	Color
RYB	26, 97, 237
Decimal	1738477
CIELab	55.47, 9.02, -59.74
CIELCh	55, 60.421, 278.590
Yxy	23.3842, 0.1850, 0.1785
Android (android.graphics.Color)	4279928557 (0xFF1A86ED)
YUV	113.4500, 60.9101, -76.6937
Hunter-Lab	48.3572, 4.8412, -68.3525

Details

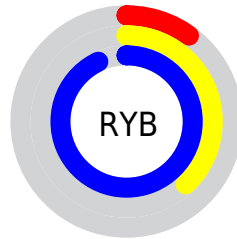
The XYZ color **24.2372, 23.3842, 83.3569** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **42.9670, 33.7890, 5.2366**, and the grayscale version is **15.6783, 16.4948, 17.9628**.

A 20% lighter version of the original color is **42.6304, 46.2714, 101.2921**, and **11.4867, 9.7923, 44.4647** is the 20% darker color. If you saturate the color by 10%, you get **22.3278, 20.1543, 82.8347**, and if you desaturate by 10%, it is **26.8015, 27.2118, 83.9611**.

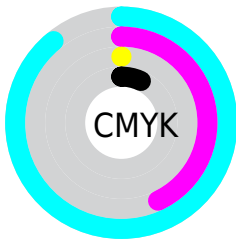
Distribution



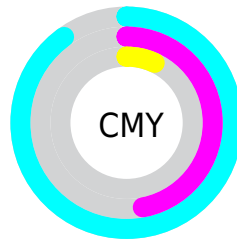
- Red (10%)
- Green (53%)
- Blue (93%)



- Red (10%)
- Yellow (38%)
- Blue (93%)



- Cyan (89%)
- Magenta (43%)
- Yellow (0%)
- Black (7%)



- Cyan (90%)
- Magenta (47%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2372, 23.3842, 83.3569 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 24.2372, 23.3842, 83.3569 by changing the saturation by 10% instead.

■ 24.2372, 23.3842,
83.3569

■ 24.2372, 23.3842,
83.3569

266.4358,
269.6922, 526.1773

■ 15.6354, 14.8775,
61.9423

■ 49.8689, 49.0234,
139.9289

■ 9.3557, 8.7334,
44.5506

■ 67.6294, 66.9247,
175.9234

■ 5.0329, 4.5677,
30.7632

■ 89.1735, 88.7262,
217.6150

■ 2.3015, 1.9959,
20.1617

■ 114.8666,
114.8125, 265.4221

■ 0.7954, 0.6051,
12.3274

■ 145.0740,
145.5678, 319.7634

■ 0.0000, 0.0000,
6.8418

180.1611,

■ 0.0000, 0.0000,

181.3766, 381.0573

3.2864

220.4933,
222.6233, 449.7224

■ 0.0000, 0.0000,
1.2427

■ 0.0000, 0.0000,
0.0141

■ 24.2372, 23.3842,
83.3569

■ 24.2372, 23.3842,
83.3569

■ 22.3278, 20.1543,
82.8347

■ 26.8015, 27.2118,
83.9611

■ 22.1588, 19.8597,
82.7867

■ 30.1480, 31.7103,
84.6530

■ 34.3651, 36.9328,
85.4388

■ 39.5270, 42.9252,
86.3234

■ 45.6995, 49.7281,
87.3112

■ 52.9417, 57.3790,
88.4062

■ 61.3080, 65.9125,
89.6124

■ 70.8488, 75.3608,
90.9332

■ 81.6115, 85.7545,
92.3722

Harmonies

Analogous

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



17.7855, 23.3842, 78.6748



24.2372, 23.3842, 83.3569



31.4224, 23.3842, 67.3931

Triad

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



24.2372, 23.3842, 83.3569



34.0959, 23.3842, 8.5158



12.1381, 23.3842, 14.0899

Complementary

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



24.2372, 23.3842, 83.3569



42.9670, 33.7890, 5.2366

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.



15.0257, 23.3842, 5.9723



24.2372, 23.3842, 83.3569



27.3502, 23.3842, 4.0872

Square

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



24.2372, 23.3842, 83.3569



37.8281, 23.3842, 20.2667



20.3292, 23.3842, 3.4806



11.6400, 23.3842, 31.4757

Rectangle

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



24.2372, 23.3842, 83.3569



35.3608, 23.3842, 50.3956



20.3292, 23.3842, 3.4806



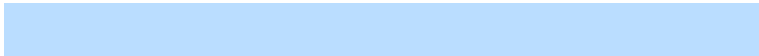
12.8282, 23.3842, 10.5045

Sweetspot

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



24.2382, 23.3849, 83.3575



64.2945, 69.5945, 104.6521



34.6077, 62.3474, 30.6329



13.0844, 14.1940, 22.3000



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.



24.2382, 23.3849, 83.3575



26.0995, 23.3189, 97.7332



16.1660, 7.2405, 80.6668



14.8686, 15.8237, 19.1929



12.2298, 11.1067, 45.2422



1.0566, 1.0647, 3.5847

Inverse Universe

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



39.5986, 20.4662, 24.4178



45.3030, 22.8852, 23.3254



64.3884, 76.6320, 12.3771



15.3872, 15.1827, 17.3245



21.0284, 10.6140, 11.2166



1.6998, 0.8529, 1.1367

Previews

White Background



This preview shows how the XYZ color 24.2372, 23.3842, 83.3569 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 24.2372, 23.3842, 83.3569 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

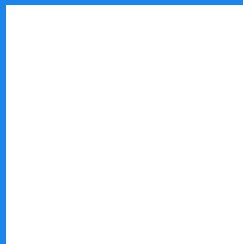
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2372, 23.3842, 83.3569

Background



This preview shows how black text looks on a background with the XYZ color 24.2372, 23.3842, 83.3569.



This preview shows how white text looks on a background with the XYZ color 24.2372, 23.3842,

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

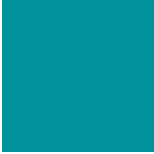
24.2372, 23.3842, 83.3569

Protanopia

26.0310, 23.1958, 79.4492

Deuteranopia

24.1420, 23.3352, 83.3525



Tritanopia

16.5195, 23.3018, 35.5253

Trichromacy



Original Color

24.2372, 23.3842, 83.3569

Protanomaly

24.9483, 22.9958, 80.9656

Deuteranomaly

24.1645, 23.3468, 83.3535

Tritanomaly

18.6486, 22.9492, 49.9011

Monochromacy



Original Color

24.2372, 23.3842, 83.3569

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.4023, 17.8927, 34.9369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2372, 23.3842, 83.3569 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(26, 134, 237)` looks like.

```
.text, #text, p{  
    color:rgb(26, 134, 237)  
}
```

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(26, 134, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 134, 237) }
```

Border

The CSS property to change the border of an element to XYZ 24.2372, 23.3842, 83.3569 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(26, 134, 237) }
```


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

```
.border{ border-color:rgb(26, 134, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 134, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 134, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 134, 237);  
box-shadow:4px 4px 4px 4px rgb(26, 134,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2372, 23.3842, 83.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 134, 237) }
```

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

```
.background{ background-color: rgb(26, 134,  
237) }
```

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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