

Converting Colors

XYZ(24.0216, 23.2961, 73.0426)

Have a look what the booklet for
XYZ(24.0216, 23.2961, 73.0426)
contains.

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Color

**XYZ(24.0216, 23.2961,
73.0426)**

Conversions

Conversions Part 1

Format	Color
Hex	4385DF
RGB	67, 133, 223
RGB Percent	26%, 52%, 87%
CMY	0.7372, 0.4784, 0.1255
CMYK	0.70, 0.40, 0.00, 0.13
HSL	215°, 71%, 57%
HSV	215°, 70%, 87%
XYZ	24.0216, 23.2961, 73.0426
YIQ	123.5260, -68.2260, 13.9980

Conversions

Conversions Part 2

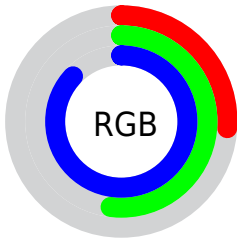
Format	Color
R _Y B	67, 113, 223
Decimal	4425183
CIE Lab	55.38, 8.47, -52.02
CIE LCh	55, 52.702, 279.247
Yxy	23.2961, 0.1996, 0.1936
Android (android.graphics.Color)	4282615263 (0xFF4385DF)
YUV	123.5260, 49.0407, -49.5733
Hunter-Lab	48.2660, 4.3724, -55.9393

Details

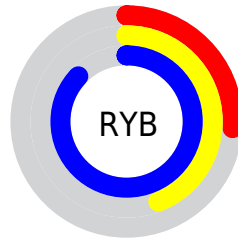
The XYZ color **24.0216, 23.2961, 73.0426** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **43.5038, 40.2108, 10.7804**, and the grayscale version is **18.8608, 19.8430, 21.6091**.

A 20% lighter version of the original color is **44.9690, 47.1631, 101.3410**, and **10.1454, 9.1307, 37.7869** is the 20% darker color. If you saturate the color by 10%, you get **21.1216, 19.3446, 72.4332**, and if you desaturate by 10%, it is **27.7275, 27.9839, 73.7526**.

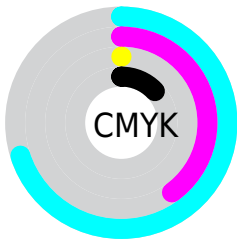
Distribution



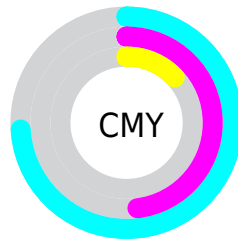
- Red (26%)
- Green (52%)
- Blue (87%)



- Red (26%)
- Yellow (44%)
- Blue (87%)



- Cyan (70%)
- Magenta (40%)
- Yellow (0%)
- Black (13%)



- Cyan (74%)
- Magenta (48%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0216, 23.2961, 73.0426 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 24.0216, 23.2961, 73.0426 by changing the saturation by 10% instead.

■ 24.0216, 23.2961,
73.0426

■ 24.0216, 23.2961,
73.0426

265.3681,
269.2422, 490.2372

■ 15.4745, 14.8123,
53.5188

■ 49.5199, 48.8791,
125.2592

■ 9.2415, 8.6878,
37.8265

■ 67.2017, 66.7470,
158.7890

■ 4.9574, 4.5381,
25.5473

■ 88.6592, 88.5118,
197.8245

■ 2.2568, 1.9789,
16.2625

■ 114.2576,
114.5578, 242.7843

■ 0.7724, 0.5952,
9.5538

144.3623,
145.2695, 294.0870

■ 0.0000, 0.0000,
5.0024

179.3388,

■ 0.0000, 0.0000,

181.0312, 352.1510

2.1899

219.5522,
222.2273, 417.3949

■ 0.0000, 0.0000,
0.6685

■ 0.0000, 0.0000,
0.0000

■ 24.0216, 23.2961,
73.0426

■ 24.0216, 23.2961,
73.0426

■ 21.1216, 19.3446,
72.4332

■ 27.7275, 27.9839,
73.7526

■ 18.9452, 16.0746,
71.9168

■ 32.3044, 33.4518,
74.5668

■ 17.3594, 13.4057,
71.4852

■ 37.8131, 39.7417,
75.4905

■ 17.3523, 13.3936,
71.4833

■ 44.3080, 46.8916,
76.5283

■ 51.8387, 54.9368,
77.6843

■ 60.4516, 63.9102,
78.9624

■ 70.1899, 73.8431,
80.3663

■ 81.0946, 84.7652,
81.8998

■ 88.3723, 94.2135,
83.3399

Harmonies

Analogous

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



18.3500, 23.2961, 69.6733



24.0216, 23.2961, 73.0426



30.1499, 23.2961, 59.8986

Triad

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



24.0216, 23.2961, 73.0426



32.1752, 23.2961, 9.8293



13.1150, 23.2961, 15.4817

Complementary

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



24.0216, 23.2961, 73.0426



43.5038, 40.2108, 10.7804

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.



15.6951, 23.2961, 7.5727



24.0216, 23.2961, 73.0426



26.4240, 23.2961, 5.4660

Square

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



24.0216, 23.2961, 73.0426



35.3794, 23.2961, 20.4808



20.3636, 23.2961, 4.8805



12.7029, 23.2961, 30.9710

Rectangle

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



24.0216, 23.2961, 73.0426



33.4315, 23.2961, 45.9448



20.3636, 23.2961, 4.8805



13.7322, 23.2961, 12.0844

Sweetspot

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



24.0226, 23.2968, 73.0432



68.9422, 73.0672, 105.0775



34.6538, 56.3496, 40.2391



14.1283, 14.9725, 22.3953



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.



24.0226, 23.2968, 73.0432



27.1288, 24.0319, 97.8165



18.4209, 10.9382, 70.9530



13.4263, 14.1917, 17.4193



10.3094, 8.0884, 42.0662



0.8018, 0.7351, 2.9449

Inverse Universe

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



36.6732, 21.3971, 24.3880



46.1510, 24.4821, 23.9140



54.7264, 67.2677, 15.4114



13.9466, 13.7963, 15.4891



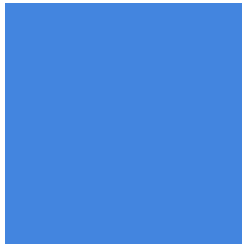
19.1439, 9.7246, 7.4236



1.3710, 0.6917, 0.7465

Previews

White Background



This preview shows how the XYZ color 24.0216, 23.2961, 73.0426 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 24.0216, 23.2961, 73.0426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

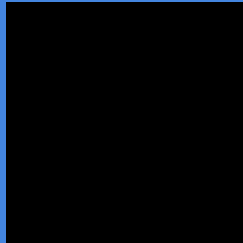
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

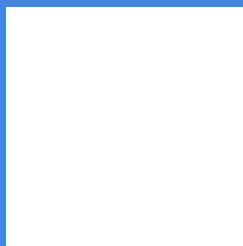
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0216, 23.2961, 73.0426

Background



This preview shows how black text looks on a background with the XYZ color 24.0216, 23.2961, 73.0426.



This preview shows how white text looks on a background with the XYZ color 24.0216, 23.2961,

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

24.0216, 23.2961, 73.0426

Protanopia

25.3558, 23.2479, 70.1687

Deuteranopia

24.0216, 23.2961, 73.0426



Tritanopia

16.4504, 23.0264, 35.9253

Trichromacy



Original Color

24.0216, 23.2961, 73.0426

Protanomaly

24.6472, 23.0639, 70.8629

Deuteranomaly

24.0216, 23.2961, 73.0426

Tritanomaly

18.3451, 22.6213, 47.6554

Monochromacy



Original Color

24.0216, 23.2961, 73.0426

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.5281, 20.6004, 36.2047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0216, 23.2961, 73.0426 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(67, 133, 223)` looks like.

```
.text, #text, p{  
    color:rgb(67, 133, 223)  
}
```

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(67, 133, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 133, 223) }
```

Border

The CSS property to change the border of an element to XYZ 24.0216, 23.2961, 73.0426 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(67, 133, 223) }
```


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

```
.border{ border-color:rgb(67, 133, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 133, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 133, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 133, 223);  
box-shadow:4px 4px 4px 4px rgb(67, 133,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0216, 23.2961, 73.0426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 133, 223) }
```

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

```
.background{ background-color: rgb(67, 133,  
223) }
```

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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