

Converting Colors

XYZ(24.5339, 21.4247, 73.3633)

Have a look what the booklet for
XYZ(24.5339, 21.4247, 73.3633)
contains.

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Color

**XYZ(24.5339, 21.4247,
73.3633)**

Conversions

Conversions Part 1

Format	Color
Hex	597AE0
RGB	89, 122, 224
RGB Percent	35%, 48%, 88%
CMY	0.6510, 0.5216, 0.1216
CMYK	0.60, 0.46, 0.00, 0.12
HSL	225°, 69%, 61%
HSV	225°, 60%, 88%
XYZ	24.5339, 21.4247, 73.3633
YIQ	123.7610, -52.4100, 24.7260

Conversions

Conversions Part 2

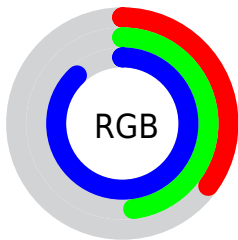
Format	Color
R _Y B	89, 116, 224
Decimal	5864160
CIE Lab	53.41, 19.17, -55.66
CIE LCh	53, 58.869, 289.004
Yxy	21.4247, 0.2056, 0.1796
Android (android.graphics.Color)	4284054240 (0xFF597AE0)
YUV	123.7610, 49.4178, -30.4854
Hunter-Lab	46.2868, 13.6103, -61.5722

Details

The XYZ color **24.5339, 21.4247, 73.3633** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **51.1765, 53.8334, 17.1464**, and the grayscale version is **18.9331, 19.9191, 21.6919**.

A 20% lighter version of the original color is **45.5805, 43.8817, 100.6754**, and **9.5167, 7.7247, 38.0352** is the 20% darker color. If you saturate the color by 10%, you get **20.8018, 16.6799, 72.6446**, and if you desaturate by 10%, it is **29.2835, 27.2317, 74.2343**.

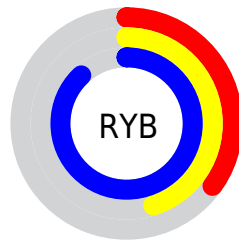
Distribution



Red (35%)

Green (48%)

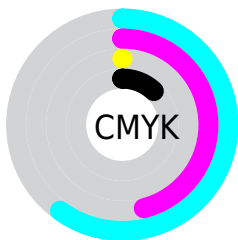
Blue (88%)



Red (35%)

Yellow (45%)

Blue (88%)

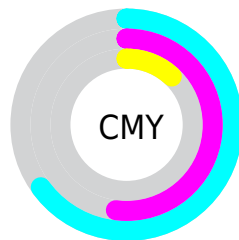


Cyan (60%)

Magenta (46%)

Yellow (0%)

Black (12%)



Cyan (65%)

Magenta (52%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5339, 21.4247, 73.3633 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 24.5339, 21.4247, 73.3633 by changing the saturation by 10% instead.

■ 24.5339, 21.4247,
73.3633

■ 24.5339, 21.4247,
73.3633

267.8994,
259.5270, 491.3775

■ 15.8570, 13.4348,
53.7795

■ 50.3484, 45.7933,
125.7185

■ 9.5132, 7.7286,
38.0334

■ 68.2168, 62.9408,
159.3270

■ 5.1372, 3.9218,
25.7066

■ 89.8796, 83.9096,
198.4474

■ 2.3636, 1.6299,
16.3805

■ 115.7024,
109.0841, 243.4983

■ 0.8269, 0.3776,
9.6365

146.0504,
138.8486, 294.8982

■ 0.0000, 0.0000,
5.0562

181.2890,

■ 0.0000, 0.0000,

173.5877, 353.0657

2.2210

221.7835,
213.6857, 418.4192

■ 0.0000, 0.0000,
0.6864

■ 0.0000, 0.0000,
0.0000

■ 24.5339, 21.4247,
73.3633

■ 24.5339, 21.4247,
73.3633

■ 20.8018, 16.6799,
72.6446

■ 29.2835, 27.2317,
74.2343

■ 18.0044, 12.9261,
72.0675

■ 35.1190, 34.1615,
75.2643

■ 16.0489, 10.0854,
71.6223

■ 42.1059, 42.2721,
76.4616

■ 14.8089, 8.0904,
71.3025

■ 50.3034, 51.6168,
77.8332

■ 59.7667, 62.2457,
79.3860

■ 70.5474, 74.2058,
81.1264

■ 82.6942, 87.5418,
83.0603

■ 90.4546, 98.1619,
84.7011

Harmonies

Analogous

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



18.1556, 21.4247, 76.0665



24.5339, 21.4247, 73.3633



30.8501, 21.4247, 53.9833

Triad

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



24.5339, 21.4247, 73.3633



29.3108, 21.4247, 5.7978



10.6962, 21.4247, 17.3581

Complementary

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



24.5339, 21.4247, 73.3633



51.1765, 53.8334, 17.1464

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.



12.5717, 21.4247, 7.2480



24.5339, 21.4247, 73.3633



22.7435, 21.4247, 3.2259

Square

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



24.5339, 21.4247, 73.3633



33.9744, 21.4247, 13.8176



16.6948, 21.4247, 3.5702



10.9815, 21.4247, 36.4294

Rectangle

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



24.5339, 21.4247, 73.3633



33.7737, 21.4247, 37.9648



16.6948, 21.4247, 3.5702



11.0765, 21.4247, 13.0392

Sweetspot

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



24.5348, 21.4254, 73.3639



70.0497, 72.1436, 104.8408



40.0982, 59.1646, 58.1664



14.2439, 14.5946, 22.3163



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.



24.5348, 21.4254, 73.3639



26.9550, 21.1287, 97.2653



25.1611, 16.7208, 72.4228



13.2228, 13.7847, 17.3515



8.6955, 4.8607, 41.5283



0.6724, 0.4763, 2.9017

Inverse Universe

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



37.8266, 24.3985, 21.1284



46.6871, 27.0849, 19.3738



49.7576, 65.0127, 19.3790



13.8439, 13.7552, 14.9482



18.3293, 9.3987, 3.1340



1.3057, 0.6655, 0.4024

Previews

White Background



This preview shows how the XYZ color 24.5339, 21.4247, 73.3633 looks on a white background.

Color Contrast Check

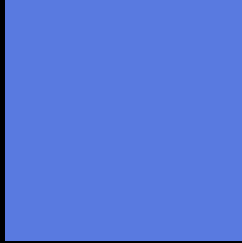
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5339, 21.4247, 73.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

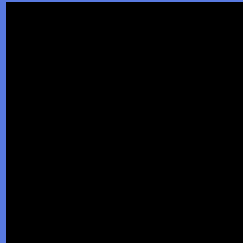
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5339, 21.4247, 73.3633

Background



This preview shows how black text looks on a background with the XYZ color 24.5339, 21.4247, 73.3633.



This preview shows how white text looks on a background with the XYZ color 24.5339, 21.4247,

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

24.5339, 21.4247, 73.3633

Protanopia

24.1596, 21.5686, 74.8413

Deuteranopia

22.2074, 21.5788, 72.1019



Tritanopia

16.3132, 21.4795, 32.1403

Trichromacy



Original Color

24.5339, 21.4247, 73.3633

Protanomaly

24.2408, 21.4412, 74.0951

Deuteranomaly

22.7667, 21.2736, 72.7183

Tritanomaly

18.6381, 21.1427, 44.6936

Monochromacy



Original Color

24.5339, 21.4247, 73.3633

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.9837, 20.0835, 36.0810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5339, 21.4247, 73.3633 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(89, 122, 224)` looks like.

```
.text, #text, p{  
    color:rgb(89, 122, 224)  
}
```

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(89, 122, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 122, 224) }
```

Border

The CSS property to change the border of an element to XYZ 24.5339, 21.4247, 73.3633 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(89, 122, 224) }
```


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

```
.border{ border-color:rgb(89, 122, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 122, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 122, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 122, 224);  
box-shadow:4px 4px 4px 4px rgb(89, 122,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5339, 21.4247, 73.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 122, 224) }
```

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

```
.background{ background-color: rgb(89, 122,  
224) }
```

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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