

Converting Colors

XYZ(23.9377, 25.2069, 61.3614)

Have a look what the booklet for
XYZ(23.9377, 25.2069, 61.3614)
contains.

XYZ(23.9377, 25.2069, 61.3614)	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(23.9377, 25.2069,
61.3614)**

Conversions

Conversions Part 1

Format	Color
Hex	518DCD
RGB	81, 141, 205
RGB Percent	32%, 55%, 80%
CMY	0.6823, 0.4471, 0.1961
CMYK	0.60, 0.31, 0.00, 0.20
HSL	211°, 55%, 56%
HSV	211°, 60%, 80%
XYZ	23.9377, 25.2069, 61.3614
YIQ	130.3560, -56.3040, 7.1840

Conversions

Conversions Part 2

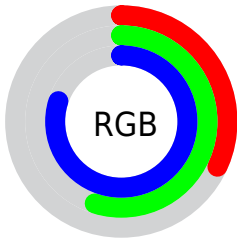
Format	Color
R _Y B	81, 121, 205
Decimal	5344717
CIE Lab	57.28, -0.09, -38.86
CIE LCh	57, 38.861, 269.866
Yxy	25.2069, 0.2166, 0.2281
Android (android.graphics.Color)	4283534797 (0xFF518DCD)
YUV	130.3560, 36.7995, -43.2852
Hunter-Lab	50.2065, -2.7552, -37.3186

Details

The XYZ color **23.9377, 25.2069, 61.3614** 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 **36.7888, 33.8260, 12.3760**, and the grayscale version is **21.2331, 22.3389, 24.3271**.

A 20% lighter version of the original color is **48.1570, 51.3790, 101.9867**, and **9.2461, 9.6842, 30.2361** is the 20% darker color. If you saturate the color by 10%, you get **20.9525, 21.4618, 60.7964**, and if you desaturate by 10%, it is **27.6040, 29.5252, 62.0022**.

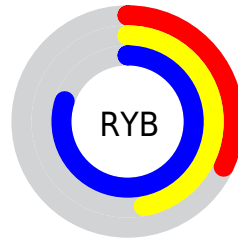
Distribution



Red (32%)

Green (55%)

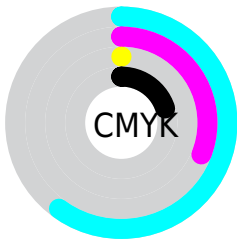
Blue (80%)



Red (32%)

Yellow (47%)

Blue (80%)

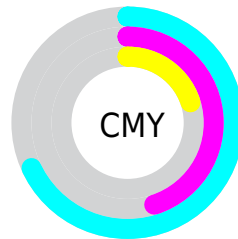


Cyan (60%)

Magenta (31%)

Yellow (0%)

Black (20%)



Cyan (68%)

Magenta (45%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9377, 25.2069, 61.3614 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 23.9377, 25.2069, 61.3614 by changing the saturation by 10% instead.

■ 23.9377, 25.2069,
61.3614

■ 23.9377, 25.2069,
61.3614

264.9517,
278.8668, 447.5410

■ 15.4119, 16.2313,
44.0844

■ 49.3839, 51.9927,
108.3647

■ 9.1972, 9.6880,
30.3992

■ 67.0351, 70.5716,
138.9281

■ 4.9281, 5.1926,
19.8872

■ 88.4587, 93.1204,
174.7573

■ 2.2395, 2.3607,
12.1298

■ 114.0202,
120.0236, 216.2711

■ 0.7634, 0.8055,
6.7085

144.0849,
151.6653, 263.8877

■ 0.0000, 0.0000,
3.2048

179.0181,

■ 0.0000, 0.0000,

188.4302, 318.0259

1.2001

219.1853,
230.7026, 379.1042

■ 0.0000, 0.0000,
0.0000

■ 23.9377, 25.2069,
61.3614

■ 23.9377, 25.2069,
61.3614

■ 20.9525, 21.4618,
60.7964

■ 27.6040, 29.5252,
62.0022

■ 18.5921, 18.2535,
60.3015

■ 31.9958, 34.4444,
62.7202

■ 16.7944, 15.5440,
59.8733

■ 37.1568, 39.9930,
63.5192

■ 15.4995, 13.3677,
59.5215

■ 43.1261, 46.1967,
64.4020

■ 49.9399, 53.0796,
65.3714

■ 57.6324, 60.6643,
66.4300

■ 66.2355, 68.9723,
67.5801

■ 75.7796, 78.0242,
68.8243

■ 82.3216, 85.7918,
69.9788

Harmonies

Analogous

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



19.7874, 25.2069, 55.6933



23.9377, 25.2069, 61.3614



28.6374, 25.2069, 55.7884

Triad

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



23.9377, 25.2069, 61.3614



32.4746, 25.2069, 16.6673



17.0952, 25.2069, 16.5938

Complementary

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



23.9377, 25.2069, 61.3614



36.7888, 33.8260, 12.3760

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.



19.8190, 25.2069, 10.8206



23.9377, 25.2069, 61.3614



28.6778, 25.2069, 10.8525

Square

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



23.9377, 25.2069, 61.3614



33.9343, 25.2069, 27.5054



23.9791, 25.2069, 9.1110



16.1586, 25.2069, 27.3868

Rectangle

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



23.9377, 25.2069, 61.3614



31.3754, 25.2069, 47.2216



23.9791, 25.2069, 9.1110



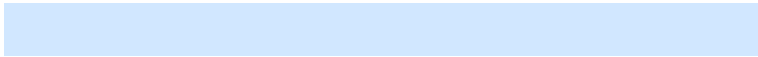
17.8134, 25.2069, 14.1439

Sweetspot

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



23.9386, 25.2078, 61.3620



73.0353, 78.1148, 105.8360



30.1837, 47.3960, 33.5456



14.9659, 16.0386, 22.5569



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.



23.9386, 25.2078, 61.3620



32.8779, 33.2484, 99.2925



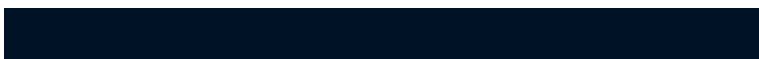
17.3564, 12.0433, 59.1680



11.0422, 11.7249, 14.2515



9.7433, 8.5105, 37.0854



0.5785, 0.5908, 1.9385

Inverse Universe

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



32.9279, 20.7883, 27.4771



49.6099, 27.9982, 35.5538



48.4940, 57.2365, 16.2777



11.4347, 11.3026, 12.8236



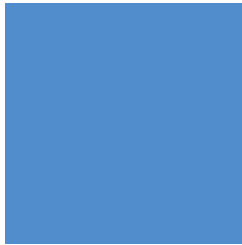
17.1289, 8.6621, 8.3972



0.9220, 0.4622, 0.6349

Previews

White Background



This preview shows how the XYZ color 23.9377, 25.2069, 61.3614 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 23.9377, 25.2069, 61.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

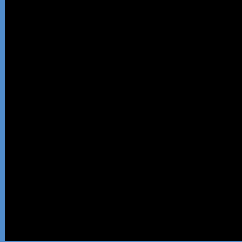
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.9377, 25.2069, 61.3614

Background



This preview shows how black text looks on a background with the XYZ color 23.9377, 25.2069, 61.3614.

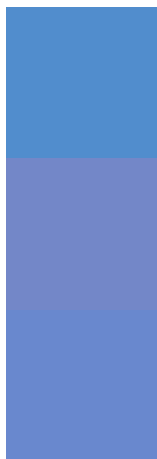


This preview shows how white text looks on a background with the XYZ color 23.9377, 25.2069,

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

23.9377, 25.2069, 61.3614

Protanopia

26.1595, 25.1429, 58.1179

Deuteranopia

25.7704, 25.0678, 61.8728



Tritanopia

19.1935, 25.0956, 38.0148

Trichromacy



Original Color

23.9377, 25.2069, 61.3614

Protanomaly

25.1998, 25.0392, 59.3820

Deuteranomaly

25.0529, 25.1200, 61.9207

Tritanomaly

20.6987, 25.0011, 45.8542

Monochromacy



Original Color

23.9377, 25.2069, 61.3614

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.2930, 22.9293, 35.2018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9377, 25.2069, 61.3614 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(81, 141, 205)` looks like.

```
.text, #text, p{  
    color:rgb(81, 141, 205)  
}
```

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(81, 141, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 141, 205) }
```

Border

The CSS property to change the border of an element to XYZ 23.9377, 25.2069, 61.3614 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(81, 141, 205) }
```


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

```
.border{ border-color:rgb(81, 141, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 141, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 141, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 141, 205);  
box-shadow:4px 4px 4px 4px rgb(81, 141,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9377, 25.2069, 61.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 141, 205) }
```

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

```
.background{ background-color: rgb(81, 141,  
205) }
```

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