

Converting Colors

XYZ(23.4391, 22.2384, 53.1044)

Have a look what the booklet for
XYZ(23.4391, 22.2384, 53.1044)
contains.

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Color

**XYZ(23.4105, 22.2357,
52.9272)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7FC0
RGB	109, 127, 192
RGB Percent	43%, 50%, 75%
CMY	0.5725, 0.5020, 0.2471
CMYK	0.43, 0.34, 0.00, 0.25
HSL	227°, 40%, 59%
HSV	227°, 43%, 75%
XYZ	23.4105, 22.2357, 52.9272
YIQ	129.0280, -31.5930, 16.3990

Conversions

Conversions Part 2

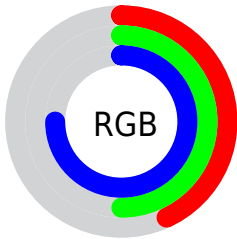
Format	Color
R_{YB}	109, 124, 192
Decimal	7176128
CIE _{Lab}	54.28, 10.51, -36.09
CIE _{LCh}	54, 37.587, 286.231
Yxy	22.2357, 0.2375, 0.2256
Android (android.graphics.Color)	4285366208 (0xFF6D7FC0)
YUV	129.0280, 31.0452, -17.5646
Hunter-Lab	47.1547, 6.0975, -33.5397

Details

The XYZ color **23.4105, 22.2357, 52.9272** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **39.6355, 42.5840, 20.5997**, and the grayscale version is **20.7794, 21.8615, 23.8072**.

A 20% lighter version of the original color is **48.7300, 47.3746, 96.1984**, and **8.8874, 8.0960, 25.1390** is the 20% darker color. If you saturate the color by 10%, you get **19.5023, 17.5504, 52.2292**, and if you desaturate by 10%, it is **28.1261, 27.7683, 53.7470**.

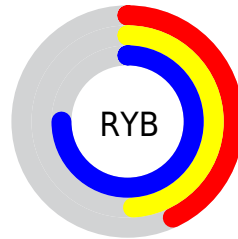
Distribution



Red (43%)

Green (50%)

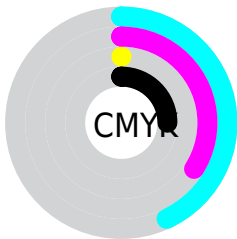
Blue (75%)



Red (43%)

Yellow (49%)

Blue (75%)

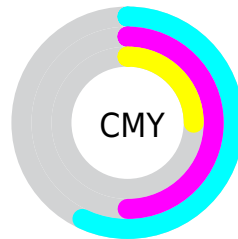


Cyan (43%)

Magenta (34%)

Yellow (0%)

Black (25%)



Cyan (57%)

Magenta (50%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4105, 22.2357, 52.9272 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 23.4105, 22.2357, 52.9272 by changing the saturation by 10% instead.

■ 23.4105, 22.2357,
52.9272

■ 23.4105, 22.2357,
52.9272

262.3226,
263.7747, 415.0641

■ 15.0193, 14.0302,
37.3573

■ 48.5282, 47.1352,
95.9377

■ 8.9193, 8.1417,
25.1863

■ 65.9854, 64.5981,
124.2154

■ 4.7453, 4.1857,
15.9956

■ 87.1953, 85.9155,
157.5661

■ 2.1318, 1.7780,
9.3667

■ 112.5232,
111.4718, 196.4084

■ 0.7064, 0.4734,
4.8811

142.3346,
141.6515, 241.1608

■ 0.0000, 0.0000,
2.1201

176.9947,

■ 0.0000, 0.0000,

176.8390, 292.2419

0.6277

216.8689,
217.4186, 350.0702

■ 0.0000, 0.0000,
0.0000

■ 23.4105, 22.2357,
52.9272

■ 23.4105, 22.2357,
52.9272

■ 19.5023, 17.5504,
52.2292

■ 28.1261, 27.7683,
53.7470

■ 16.3522, 13.6667,
51.6457

■ 33.6894, 34.1856,
54.6924

■ 13.9094, 10.5385,
51.1706

■ 40.1411, 41.5258,
55.7692

■ 12.1151, 8.1133,
50.7971

■ 47.5185, 49.8239,
56.9821

■ 10.9005, 6.3313,
50.5171

■ 55.8564, 59.1133,
58.3356

■ 10.3296, 5.4360,
50.3744

■ 65.1883, 69.4256,
59.8343

■ 75.5456, 80.7910,
61.4821

■ 84.1053, 91.7674,
63.1496

■ 86.5145, 96.5858,
63.9527

Harmonies

Analogous

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



19.3166, 22.2357, 53.3504



23.4105, 22.2357, 52.9272



27.3399, 22.2357, 43.3808

Triad

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



23.4105, 22.2357, 52.9272



27.0571, 22.2357, 11.3129



14.3771, 22.2357, 19.2345

Complementary

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



23.4105, 22.2357, 52.9272



39.6355, 42.5840, 20.5997

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.



15.9470, 22.2357, 11.7302



23.4105, 22.2357, 52.9272



23.0627, 22.2357, 8.2584

Square

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



23.4105, 22.2357, 52.9272



29.6237, 22.2357, 18.4434



19.0108, 22.2357, 8.3813



14.4449, 22.2357, 31.0705

Rectangle

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



23.4105, 22.2357, 52.9272



29.1829, 22.2357, 34.4749



19.0108, 22.2357, 8.3813



14.7211, 22.2357, 16.2178

Sweetspot

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



23.4113, 22.2365, 52.9277



72.7567, 75.2687, 101.0539



32.6645, 43.9541, 46.1125



15.0192, 15.4801, 21.5816



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



23.4113, 22.2365, 52.9277



35.5892, 32.1065, 94.6817



24.3648, 19.5802, 52.3648



9.7015, 10.0942, 12.7219



6.9984, 3.7534, 33.9122



0.3546, 0.2667, 1.4827

Inverse Universe

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



31.0384, 23.6771, 23.0136



51.4549, 35.8692, 32.2829



38.1594, 47.3352, 21.5945



10.1606, 10.1129, 10.9363



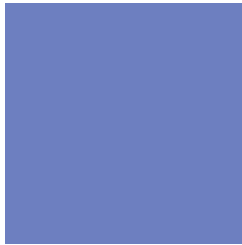
14.9285, 7.6611, 2.2694



0.6714, 0.3416, 0.2370

Previews

White Background



This preview shows how the XYZ color 23.4105, 22.2357, 52.9272 looks on a white background.

Color Contrast Check

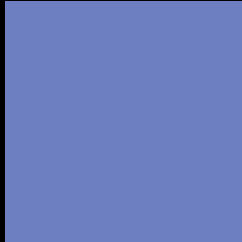
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4105, 22.2357, 52.9272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

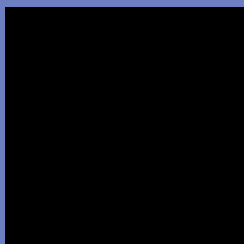
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

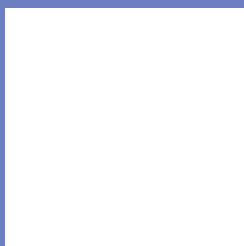
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4105, 22.2357, 52.9272

Background



This preview shows how black text looks on a background with the XYZ color 23.4105, 22.2357, 52.9272.



This preview shows how white text looks on a background with the XYZ color 23.4105, 22.2357,

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

23.4105, 22.2357, 52.9272

Protanopia

23.2881, 22.1727, 52.9215

Deuteranopia

22.8442, 22.3311, 52.9755



Tritanopia

19.0004, 22.2563, 30.8982

Trichromacy



Original Color

23.4105, 22.2357, 52.9272

Protanomaly

23.2881, 22.1727, 52.9215

Deuteranomaly

23.0593, 22.2474, 52.9480

Tritanomaly

20.3652, 22.1861, 37.8593

Monochromacy



Original Color

23.4105, 22.2357, 52.9272

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.4127, 21.8429, 32.7933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4105, 22.2357, 52.9272 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(109, 127, 192)` looks like.

```
.text, #text, p{  
    color:rgb(109, 127, 192)  
}
```

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(109, 127, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 127, 192) }
```

Border

The CSS property to change the border of an element to XYZ 23.4105, 22.2357, 52.9272 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(109, 127, 192) }
```


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

```
.border{ border-color:rgb(109, 127, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 127, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 127, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 127, 192);  
box-shadow:4px 4px 4px 4px rgb(109, 127,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4105, 22.2357, 52.9272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 127, 192) }
```

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

```
.background{ background-color: rgb(109,  
127, 192) }
```

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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