

Converting Colors

XYZ(23.5014, 22.5422, 38.2009)

Have a look what the booklet for
XYZ(23.5014, 22.5422, 38.2009)
contains.

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Color

**XYZ(23.4961, 22.6049,
38.2468)**

Conversions

Conversions Part 1

Format	Color
Hex	827FA4
RGB	130, 127, 164
RGB Percent	51%, 50%, 64%
CMY	0.4902, 0.5019, 0.3569
CMYK	0.21, 0.23, 0.00, 0.36
HSL	245°, 17%, 57%
HSV	245°, 23%, 64%
XYZ	23.4961, 22.6049, 38.2468
YIQ	132.1150, -10.0890, 12.1430

Conversions

Conversions Part 2

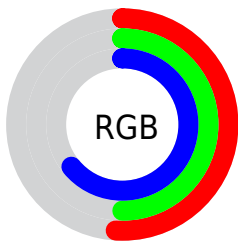
Format	Color
R_{YB}	130, 127, 164
Decimal	8552356
CIE _{Lab}	54.66, 9.22, -19.28
CIE _{LCh}	55, 21.374, 295.555
Yxy	22.6049, 0.2786, 0.2680
Android (android.graphics.Color)	4286742436 (0xFF827FA4)
YUV	132.1150, 15.7193, -1.8549
Hunter-Lab	47.5446, 5.0100, -14.4140

Details

The XYZ color **23.4961, 22.6049, 38.2468** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **31.8050, 35.6609, 25.2866**, and the grayscale version is **21.9219, 23.0635, 25.1161**.

A 20% lighter version of the original color is **48.6359, 47.8243, 73.6855**, and **8.9573, 8.3241, 16.4638** is the 20% darker color. If you saturate the color by 10%, you get **19.4032, 17.6029, 37.4974**, and if you desaturate by 10%, it is **28.2738, 28.4728, 39.1280**.

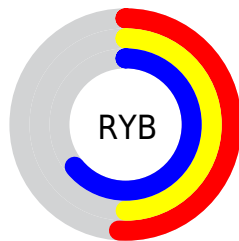
Distribution



Red (51%)

Green (50%)

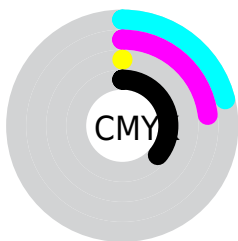
Blue (64%)



Red (51%)

Yellow (50%)

Blue (64%)

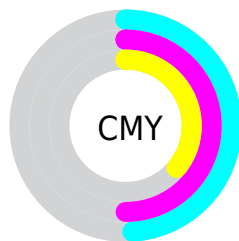


Cyan (21%)

Magenta (23%)

Yellow (0%)

Black (36%)



Cyan (49%)

Magenta (50%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4961, 22.6049, 38.2468 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 23.4961, 22.6049, 38.2468 by changing the saturation by 10% instead.

■ 23.4961, 22.6049,
38.2468

■ 23.4961, 22.6049,
38.2468

262.7509,
265.6891, 354.0074

■ 15.0830, 14.3020,
25.8710

■ 48.6673, 47.7438,
73.6939

■ 8.9643, 8.3310,
16.5022

■ 66.1561, 65.3485,
97.6022

■ 4.7748, 4.3075,
9.7221

■ 87.4009, 86.8228,
126.1918

■ 2.1492, 1.8470,
5.1119

112.7669,
112.5508, 159.8812

■ 0.7157, 0.5162,
2.2532

142.6196,
142.9171, 199.0889

■ 0.0000, 0.0000,
0.7048

177.3242,

■ 0.0000, 0.0000,

178.3059, 244.2334

0.0000

217.2462,
219.1018, 295.7334

■ 23.4961, 22.6049,
38.2468

■ 23.4961, 22.6049,
38.2468

■ 19.4032, 17.6029,
37.4974

■ 28.2738, 28.4728,
39.1280

■ 15.9617, 13.4232,
36.8720

■ 33.7635, 35.2421,
40.1453

■ 13.1385, 10.0226,
36.3644

■ 39.9935, 42.9496,
41.3046

■ 10.8967, 7.3526,
35.9672

■ 46.9898, 51.6290,
42.6111

■ 9.1957, 5.3596,
35.6722

■ 54.7774, 61.3128,
44.0698

■ 7.9893, 3.9824,
35.4700

■ 63.3800, 72.0316,
45.6854

■ 7.2237, 3.1487,
35.3494

■ 72.8202, 83.8148,
47.4622

■ 6.8712, 2.7682,
35.2945

■ 82.0894, 94.6296,
49.0611

■ 83.7009, 95.4604,
49.1366

Harmonies

Analogous

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



21.1366, 22.6049, 39.9184



23.4961, 22.6049, 38.2468



25.4354, 22.6049, 32.6909

Triad

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



23.4961, 22.6049, 38.2468



24.1465, 22.6049, 15.4012



17.2839, 22.6049, 23.6225

Complementary

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



23.4961, 22.6049, 38.2468



31.8050, 35.6609, 25.2866

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.



17.9669, 22.6049, 17.9889



23.4961, 22.6049, 38.2468



21.8378, 22.6049, 13.8252

Square

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



23.4961, 22.6049, 38.2468



25.8297, 22.6049, 19.4371



19.5926, 22.6049, 14.6783



17.6575, 22.6049, 30.6344

Rectangle

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



23.4961, 22.6049, 38.2468



26.1698, 22.6049, 27.9878



19.5926, 22.6049, 14.6783



17.3961, 22.6049, 21.5209

Sweetspot

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



23.4968, 22.6058, 38.2473



56.5661, 58.1444, 71.9940



28.2922, 32.8695, 39.9757



12.2471, 12.5643, 15.7172



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.4968, 22.6058, 38.2473



38.8218, 36.3478, 68.7220



26.4977, 24.1528, 38.3878



6.7512, 6.8861, 8.8764



5.2864, 2.1317, 27.0626



0.1261, 0.0525, 0.5693

Inverse Universe

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



29.3330, 25.6454, 37.1233



51.3122, 42.8551, 66.2224



28.4404, 33.9264, 25.1292



7.3394, 7.1922, 8.7739



16.0120, 7.7608, 23.0514



0.3432, 0.1658, 0.5201

Previews

White Background



This preview shows how the XYZ color 23.4961, 22.6049, 38.2468 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 23.4961, 22.6049, 38.2468 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 23.4961, 22.6049, 38.2468

Background



This preview shows how black text looks on a background with the XYZ color 23.4961, 22.6049, 38.2468.



This preview shows how white text looks on a background with the XYZ color 23.4961, 22.6049,

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

23.4961, 22.6049, 38.2468

Protanopia

22.7592, 22.5913, 39.2374

Deuteranopia

23.0242, 22.5543, 38.2619



Tritanopia

21.5282, 22.5913, 28.4252

Trichromacy



Original Color

23.4961, 22.6049, 38.2468

Protanomaly

22.9681, 22.5149, 38.7326

Deuteranomaly

23.1724, 22.6307, 38.2688

Tritanomaly

22.1598, 22.6472, 31.6372

Monochromacy



Original Color

23.4961, 22.6049, 38.2468

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.3767, 22.8042, 29.6078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4961, 22.6049, 38.2468 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(130, 127, 164)` looks like.

```
.text, #text, p{  
    color:rgb(130, 127, 164)  
}
```

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(130, 127, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 127, 164) }
```

Border

The CSS property to change the border of an element to XYZ 23.4961, 22.6049, 38.2468 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(130, 127, 164) }
```


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

```
.border{ border-color:rgb(130, 127, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 127, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 127, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 127, 164);  
box-shadow:4px 4px 4px 4px rgb(130, 127,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4961, 22.6049, 38.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 127, 164) }
```

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

```
.background{ background-color: rgb(130,  
127, 164) }
```

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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