

Converting Colors

XYZ(22.4419, 19.3440, 53.1394)

Have a look what the booklet for
XYZ(22.4419, 19.3440, 53.1394)
contains.

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Color

**XYZ(22.4530, 19.3956,
53.0124)**

Conversions

Conversions Part 1

Format	Color
Hex	7172C1
RGB	113, 114, 193
RGB Percent	44%, 45%, 76%
CMY	0.5568, 0.5529, 0.2431
CMYK	0.41, 0.41, 0.00, 0.24
HSL	239°, 39%, 60%
HSV	239°, 41%, 76%
XYZ	22.4530, 19.3956, 53.0124
YIQ	122.7070, -25.9550, 24.3570

Conversions

Conversions Part 2

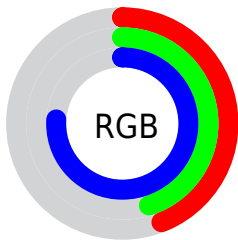
Format	Color
R_{YB}	113, 114, 193
Decimal	7434945
CIE _{Lab}	51.15, 19.66, -41.57
CIE _{LCh}	51, 45.984, 295.314
Yxy	19.3956, 0.2367, 0.2045
Android (android.graphics.Color)	4285625025 (0xFF7172C1)
YUV	122.7070, 34.6544, -8.5130
Hunter-Lab	44.0404, 13.9333, -40.5403

Details

The XYZ color **22.4530, 19.3956, 53.0124** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **43.8234, 50.2301, 23.0094**, and the grayscale version is **18.6267, 19.5968, 21.3409**.

A 20% lighter version of the original color is **47.0400, 42.4994, 96.1664**, and **8.4120, 6.6903, 25.2741** is the 20% darker color. If you saturate the color by 10%, you get **18.2985, 14.3884, 52.2653**, and if you desaturate by 10%, it is **27.5849, 25.5721, 53.9345**.

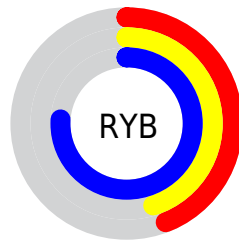
Distribution



Red (44%)

Green (45%)

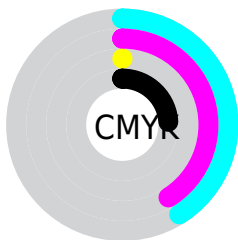
Blue (76%)



Red (44%)

Yellow (45%)

Blue (76%)

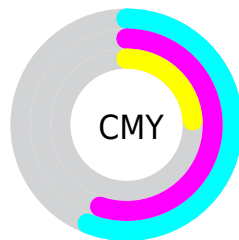


Cyan (41%)

Magenta (41%)

Yellow (0%)

Black (24%)



Cyan (56%)

Magenta (55%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4530, 19.3956, 53.0124 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 22.4530, 19.3956, 53.0124 by changing the saturation by 10% instead.

■ 22.4530, 19.3956,
53.0124

■ 22.4530, 19.3956,
53.0124

257.4910,
248.6241, 415.4003

■ 14.3086, 11.9565,
37.4249

■ 46.9669, 42.4015,
96.0643

■ 8.4187, 6.7140,
25.2383

■ 64.0671, 58.7371,
124.3659

■ 4.4181, 3.2839,
16.0340

■ 84.8832, 78.8069,
157.7424

■ 1.9413, 1.2817,
9.3936

■ 109.7807,
102.9954, 196.6126

■ 0.6007, 0.1270,
4.8985

139.1249,
131.6870, 241.3950

■ 0.0000, 0.0000,
2.1301

173.2811,

■ 0.0000, 0.0000,

165.2661, 292.5080

0.6336

212.6147,
204.1169, 350.3703

■ 0.0000, 0.0000,
0.0000

■ 22.4530, 19.3956,
53.0124

■ 22.4530, 19.3956,
53.0124

■ 18.2985, 14.3884,
52.2653

■ 27.5849, 25.5721,
53.9345

■ 15.0573, 10.4751,
51.6807

■ 33.7483, 32.9830,
55.0401

■ 12.6614, 7.5744,
51.2471

■ 40.9961, 41.6911,
56.3389

■ 11.0320, 5.5931,
50.9506

■ 49.3770, 51.7540,
57.8395

■ 10.0760, 4.4208,
50.7747

■ 58.9366, 63.2264,
59.5501

■ 9.6519, 3.9026,
50.6970

■ 69.7179, 76.1594,
61.4782

■ 81.7621, 90.6020,
63.6311

■ 86.6257, 96.6303,
64.5383

Harmonies

Analogous

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



17.7264, 19.3956, 57.4379



22.4530, 19.3956, 53.0124



26.6452, 19.3956, 38.9201

Triad

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



22.4530, 19.3956, 53.0124



23.9010, 19.3956, 6.4486



10.9910, 19.3956, 19.1287

Complementary

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



22.4530, 19.3956, 53.0124



43.8234, 50.2301, 23.0094

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.



12.1125, 19.3956, 9.7909



22.4530, 19.3956, 53.0124



19.1621, 19.3956, 4.6564

Square

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



22.4530, 19.3956, 53.0124



27.5734, 19.3956, 12.0825



14.9273, 19.3956, 5.5606



11.5781, 19.3956, 33.8093

Rectangle

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



22.4530, 19.3956, 53.0124



28.3079, 19.3956, 28.1623



14.9273, 19.3956, 5.5606



11.1746, 19.3956, 15.3596

Sweetspot

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



22.4537, 19.3963, 53.0129



72.3966, 73.4346, 100.7189



35.3582, 45.4422, 56.5838



15.1454, 15.2904, 21.5384



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.



22.4537, 19.3963, 53.0129



33.2160, 26.3045, 93.6869



28.4182, 22.3048, 53.2599



9.5382, 9.7677, 12.6675



6.4240, 2.6044, 33.7207



0.2811, 0.1196, 1.4582

Inverse Universe

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



30.9354, 24.3635, 18.9923



50.5147, 36.4796, 24.2904



35.4413, 46.2355, 22.6802



10.0782, 10.0799, 10.5023



14.6385, 7.5451, 0.7424



0.6343, 0.3267, 0.0415

Previews

White Background



This preview shows how the XYZ color 22.4530, 19.3956, 53.0124 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 22.4530, 19.3956, 53.0124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

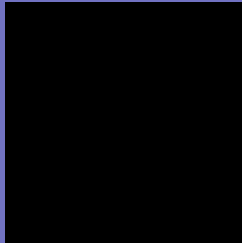
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4530, 19.3956, 53.0124

Background



This preview shows how black text looks on a background with the XYZ color 22.4530, 19.3956, 53.0124.

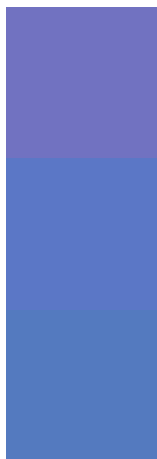


This preview shows how white text looks on a background with the XYZ color 22.4530, 19.3956,

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

22.4530, 19.3956, 53.0124

Protanopia

21.1043, 19.4950, 56.0767

Deuteranopia

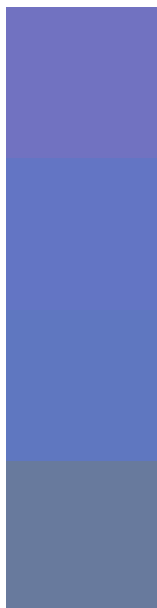
20.0197, 19.5655, 52.0116



Tritanopia

17.0504, 19.3519, 26.1292

Trichromacy



Original Color

22.4530, 19.3956, 53.0124

Protanomaly

21.4707, 19.3608, 54.8299

Deuteranomaly

20.8306, 19.4323, 52.5221

Tritanomaly

18.7543, 19.2964, 34.6344

Monochromacy



Original Color

22.4530, 19.3956, 53.0124

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.6695, 19.4930, 30.7428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4530, 19.3956, 53.0124 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(113, 114, 193)` looks like.

```
.text, #text, p{  
    color:rgb(113, 114, 193)  
}
```

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(113, 114, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 114, 193) }
```

Border

The CSS property to change the border of an element to XYZ 22.4530, 19.3956, 53.0124 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(113, 114, 193) }
```


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

```
.border{ border-color:rgb(113, 114, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 114, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 114, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 114, 193);  
box-shadow:4px 4px 4px 4px rgb(113, 114,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4530, 19.3956, 53.0124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 114, 193) }
```

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

```
.background{ background-color: rgb(113,  
114, 193) }
```

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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