

Converting Colors

XYZ(22.4297, 22.3339, 43.1731)

Have a look what the booklet for
XYZ(22.4297, 22.3339, 43.1731)
contains.

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Color

**XYZ(22.4297, 22.3339,
43.1731)**

Conversions

Conversions Part 1

Format	Color
Hex	7281AE
RGB	114, 129, 174
RGB Percent	45%, 51%, 68%
CMY	0.5529, 0.4941, 0.3176
CMYK	0.34, 0.26, 0.00, 0.32
HSL	225°, 27%, 56%
HSV	225°, 34%, 68%
XYZ	22.4297, 22.3339, 43.1731
YIQ	129.6450, -23.3850, 10.8150

Conversions

Conversions Part 2

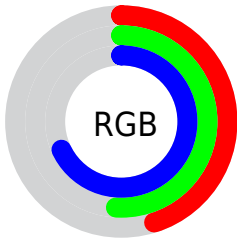
Format	Color
R_{YB}	114, 126, 174
Decimal	7504302
CIE _{Lab}	54.38, 5.62, -25.59
CIE _{LCh}	54, 26.197, 282.390
Yxy	22.3339, 0.2551, 0.2540
Android (android.graphics.Color)	4285694382 (0xFF7281AE)
YUV	129.6450, 21.8670, -13.7207
Hunter-Lab	47.2588, 2.0159, -21.0831

Details

The XYZ color **22.4297, 22.3339, 43.1731** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **32.8916, 35.0105, 20.9446**, and the grayscale version is **21.0247, 22.1196, 24.0883**.

A 20% lighter version of the original color is **46.9472, 47.3846, 81.5347**, and **8.3697, 8.1746, 19.2259** is the 20% darker color. If you saturate the color by 10%, you get **18.7675, 18.0554, 42.5407**, and if you desaturate by 10%, it is **26.7435, 27.2752, 43.8999**.

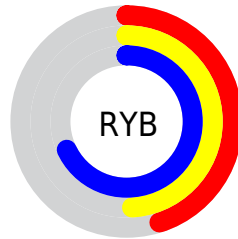
Distribution



Red (45%)

Green (51%)

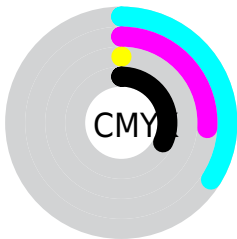
Blue (68%)



Red (45%)

Yellow (49%)

Blue (68%)

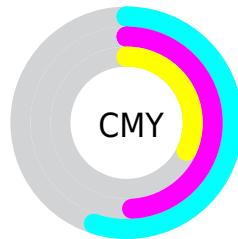


Cyan (34%)

Magenta (26%)

Yellow (0%)

Black (32%)



Cyan (55%)

Magenta (49%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4297, 22.3339, 43.1731 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 22.4297, 22.3339, 43.1731 by changing the saturation by 10% instead.

■ 22.4297, 22.3339,
43.1731

■ 22.4297, 22.3339,
43.1731

257.3725,
264.2851, 375.2653

■ 14.2913, 14.1025,
29.6885

■ 46.9288, 47.2972,
81.2612

■ 8.4066, 8.1920,
19.3523

■ 64.0202, 64.7979,
106.7018

■ 4.4102, 4.2180,
11.7457

■ 84.8267, 86.1571,
136.9648

■ 1.9367, 1.7963,
6.4503

109.7136,
111.7593, 172.4688

■ 0.5980, 0.4848,
3.0476

139.0463,
141.9888, 213.6323

■ 0.0000, 0.0000,
1.1190

173.1901,

■ 0.0000, 0.0000,

177.2299, 260.8738

0.0000

212.5104,
217.8672, 314.6120

■ 22.4297, 22.3339,
43.1731

■ 22.4297, 22.3339,
43.1731

■ 18.7675, 18.0554,
42.5407

■ 26.7435, 27.2752,
43.8999

■ 15.7219, 14.4080,
41.9972

■ 31.7370, 32.9039,
44.7232

■ 13.2580, 11.3612,
41.5389

■ 37.4394, 39.2467,
45.6469

■ 11.3362, 8.8805,
41.1614

■ 43.8775, 46.3277,
46.6743

■ 9.9116, 6.9279,
40.8596

■ 51.0765, 54.1702,
47.8087

■ 8.9311, 5.4597,
40.6279

■ 59.0606, 62.7963,
49.0529

■ 8.5222, 4.8203,
40.5260

■ 67.8529, 72.2272,
50.4098

■ 77.4755, 82.4833,
51.8823

■ 81.9739, 90.5037,
53.1933

Harmonies

Analogous

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



19.6070, 22.3339, 42.6310



22.4297, 22.3339, 43.1731



25.1554, 22.3339, 37.9040

Triad

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



22.4297, 22.3339, 43.1731



25.5541, 22.3339, 15.1700



16.4055, 22.3339, 19.8572

Complementary

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



22.4297, 22.3339, 43.1731



32.8916, 35.0105, 20.9446

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.



17.7317, 22.3339, 14.4414



22.4297, 22.3339, 43.1731



22.9354, 22.3339, 12.1829

Square

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



22.4297, 22.3339, 43.1731



27.0650, 22.3339, 21.0925



20.0694, 22.3339, 11.9502



16.2966, 22.3339, 27.8562

Rectangle

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



22.4297, 22.3339, 43.1731



26.4834, 22.3339, 32.3720



20.0694, 22.3339, 11.9502



16.7179, 22.3339, 17.7243

Sweetspot

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



22.4304, 22.3348, 43.1736



61.8590, 64.4747, 81.8214



28.3342, 36.3533, 38.3250



13.4377, 13.9835, 18.1352



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



22.4304, 22.3348, 43.1736



35.7584, 34.7725, 77.4640



22.7114, 19.7587, 42.6616



7.7356, 8.0705, 10.1027



6.2221, 3.5781, 29.4072



0.2164, 0.1862, 0.8325

Inverse Universe

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



27.4360, 22.6191, 23.6896



46.2738, 35.7853, 36.4395



32.4720, 38.8584, 21.7095



8.0843, 8.0470, 8.7549



13.0043, 6.6643, 2.4020



0.3836, 0.1941, 0.1820

Previews

White Background



This preview shows how the XYZ color 22.4297, 22.3339, 43.1731 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 22.4297, 22.3339, 43.1731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

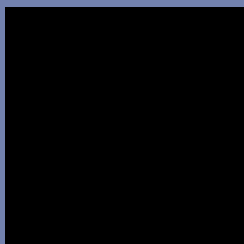
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

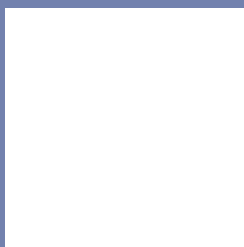
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4297, 22.3339, 43.1731

Background



This preview shows how black text looks on a background with the XYZ color 22.4297, 22.3339, 43.1731.



This preview shows how white text looks on a background with the XYZ color 22.4297, 22.3339,

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

22.4297, 22.3339, 43.1731

Protanopia

22.5981, 22.2374, 42.6364

Deuteranopia

22.8304, 22.3459, 43.1543



Tritanopia

19.6993, 22.2203, 30.0387

Trichromacy



Original Color

22.4297, 22.3339, 43.1731

Protanomaly

22.4645, 22.1685, 42.6301

Deuteranomaly

22.6953, 22.2762, 43.1480

Tritanomaly

20.6824, 22.2178, 34.6509

Monochromacy



Original Color

22.4297, 22.3339, 43.1731

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.4831, 22.3257, 30.3711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4297, 22.3339, 43.1731 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(114, 129, 174)` looks like.

```
.text, #text, p{  
    color:rgb(114, 129, 174)  
}
```

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(114, 129, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 129, 174) }
```

Border

The CSS property to change the border of an element to XYZ 22.4297, 22.3339, 43.1731 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(114, 129, 174) }
```


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

```
.border{ border-color:rgb(114, 129, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 129, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 129, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 129, 174);  
box-shadow:4px 4px 4px 4px rgb(114, 129,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4297, 22.3339, 43.1731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 129, 174) }
```

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

```
.background{ background-color: rgb(114,  
129, 174) }
```

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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