

Converting Colors

XYZ(11.9208, 13.9416, 23.8925)

Have a look what the booklet for
XYZ(11.9208, 13.9416, 23.8925)
contains.

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Color

**XYZ(11.9208, 13.9416,
23.8925)**

Conversions

Conversions Part 1

Format	Color
Hex	416E84
RGB	65, 110, 132
RGB Percent	25%, 43%, 52%
CMY	0.7451, 0.5686, 0.4824
CMYK	0.51, 0.17, 0.00, 0.48
HSL	200°, 34%, 39%
HSV	200°, 51%, 52%
XYZ	11.9208, 13.9416, 23.8925
YIQ	99.0530, -33.8820, -2.6980

Conversions

Conversions Part 2

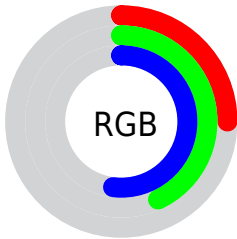
Format	Color
R _{YB}	65, 92, 132
Decimal	4288132
CIE Lab	44.15, -8.98, -16.93
CIE LCh	44, 19.163, 242.044
Yxy	13.9416, 0.2396, 0.2802
Android (android.graphics.Color)	4282478212 (0xFF416E84)
YUV	99.0530, 16.2429, -29.8645
Hunter-Lab	37.3385, -8.3538, -11.8022

Details

The XYZ color **11.9208, 13.9416, 23.8925** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.8785, 12.1042, 6.6065**, and the grayscale version is **11.8400, 12.4566, 13.5652**.

A 20% lighter version of the original color is **29.0134, 33.1254, 50.7636**, and **3.3207, 4.0932, 8.5977** is the 20% darker color. If you saturate the color by 10%, you get **10.6908, 12.6304, 23.7045**, and if you desaturate by 10%, it is **13.3788, 15.4049, 24.0983**.

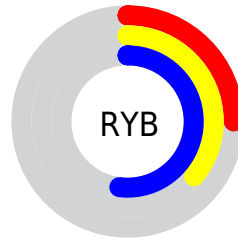
Distribution



Red (25%)

Green (43%)

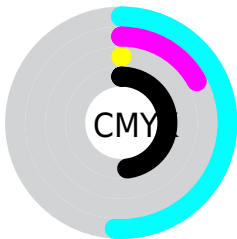
Blue (52%)



Red (25%)

Yellow (36%)

Blue (52%)

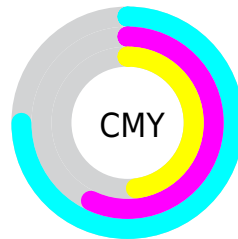


Cyan (51%)

Magenta (17%)

Yellow (0%)

Black (48%)



Cyan (75%)

Magenta (57%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9208, 13.9416, 23.8925 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 11.9208, 13.9416, 23.8925 by changing the saturation by 10% instead.

■ 11.9208, 13.9416,
23.8925

■ 11.9208, 13.9416,
23.8925

197.6609,
216.8672, 285.5456

■ 6.7616, 8.0801,
15.0424

■ 28.9689, 32.9854,
50.7963

■ 3.3584, 4.1462,
8.7022

■ 41.5885, 46.9364,
69.6872

■ 1.3460, 1.7557,
4.4533

■ 57.4255, 64.3527,
92.7621

■ 0.2173, 0.4593,
1.8772

■ 76.8455, 85.6187,
120.4395

■ 0.0000, 0.0000,
0.4782

■ 100.2136,
111.1187, 153.1380

■ 0.0000, 0.0000,
0.0000

127.8953,

141.2372, 191.2762

160.2560,
176.3586, 235.2725

■ 11.9208, 13.9416,
23.8925

■ 11.9208, 13.9416,
23.8925

■ 10.6908, 12.6304,
23.7045

■ 13.3788, 15.4049,
24.0983

■ 9.6727, 11.4617,
23.5326

■ 15.0769, 17.0260,
24.3218

■ 8.8504, 10.4269,
23.3762

■ 17.0278, 18.8124,
24.5637

■ 8.2043, 9.5155,
23.2343

■ 19.2428, 20.7703,
24.8249

■ 7.7088, 8.7537,
23.1134

■ 21.7327, 22.9057,
25.1059

■ 24.5075, 25.2242,
25.4071

■ 27.5768, 27.7312,
25.7293

■ 30.9496, 30.4317,
26.0727

■ 34.6345, 33.3306,
26.4381

Harmonies

Analogous

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



10.9132, 13.9416, 20.0970



11.9208, 13.9416, 23.8925



13.3562, 13.9416, 25.2384

Triad

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



11.9208, 13.9416, 23.8925



16.4098, 13.9416, 14.8818



11.7524, 13.9416, 9.1060

Complementary

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



11.9208, 13.9416, 23.8925



13.8785, 12.1042, 6.6065

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.



13.1465, 13.9416, 8.2277



11.9208, 13.9416, 23.8925



15.9010, 13.9416, 11.1386

Square

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



11.9208, 13.9416, 23.8925



16.0197, 13.9416, 19.4765



14.6768, 13.9416, 8.8941



10.8214, 13.9416, 11.5670

Rectangle

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



11.9208, 13.9416, 23.8925



14.3848, 13.9416, 24.3922



14.6768, 13.9416, 8.8941



12.1786, 13.9416, 8.6398

Sweetspot

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



11.9213, 13.9421, 23.8928



32.0498, 34.9687, 43.5136



12.1202, 18.3021, 11.7444



7.2989, 7.9971, 10.1116



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.9213, 13.9421, 23.8928



18.5189, 21.9008, 41.7044



9.0191, 8.1379, 22.9255



4.6762, 5.0280, 5.9248



7.4689, 8.4857, 22.3809



0.0326, 0.0428, 0.0798

Inverse Universe

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



14.2209, 9.8125, 15.8968



23.2360, 14.4072, 25.0837



17.1527, 18.6525, 7.6979



4.7946, 4.7375, 5.5306



10.9481, 5.4436, 9.5649



0.0413, 0.0202, 0.0509

Previews

White Background



This preview shows how the XYZ color 11.9208, 13.9416, 23.8925 looks on a white 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

Black Background



This preview shows how the XYZ color 11.9208, 13.9416, 23.8925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

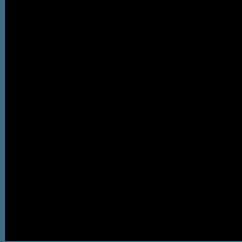
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.9208, 13.9416, 23.8925

Background



This preview shows how black text looks on a background with the XYZ color 11.9208, 13.9416, 23.8925.

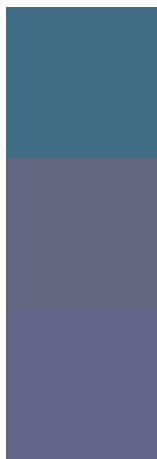


This preview shows how white text looks on a background with the XYZ color 11.9208, 13.9416,

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

11.9208, 13.9416, 23.8925

Protanopia

13.7180, 13.8295, 22.0250

Deuteranopia

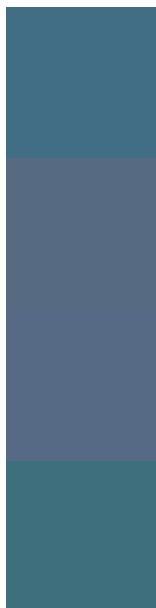
14.0915, 13.8206, 24.4792



Tritanopia

11.1698, 13.9609, 20.1952

Trichromacy



Original Color

11.9208, 13.9416, 23.8925

Protanomaly

12.9542, 13.8715, 22.7636

Deuteranomaly

13.1230, 13.7750, 24.1575

Tritanomaly

11.3727, 13.8737, 21.4805

Monochromacy



Original Color

11.9208, 13.9416, 23.8925

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.6500, 12.8744, 16.9099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9208, 13.9416, 23.8925 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(65, 110, 132)` looks like.

```
.text, #text, p{  
    color:rgb(65, 110, 132)  
}
```

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(65, 110, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 110, 132) }
```

Border

The CSS property to change the border of an element to XYZ 11.9208, 13.9416, 23.8925 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(65, 110, 132) }
```


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

```
.border{ border-color:rgb(65, 110, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 110, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 110, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 110, 132);  
box-shadow:4px 4px 4px 4px rgb(65, 110,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9208, 13.9416, 23.8925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 110, 132) }
```

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

```
.background{ background-color: rgb(65, 110,  
132) }
```

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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