

Converting Colors

XYZ(23.1229, 24.5733, 31.9582)

Have a look what the booklet for
XYZ(23.1229, 24.5733, 31.9582)
contains.

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Color

**XYZ(23.1229, 24.5733,
31.9582)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8995
RGB	127, 137, 149
RGB Percent	50%, 54%, 58%
CMY	0.5020, 0.4627, 0.4157
CMYK	0.15, 0.08, 0.00, 0.42
HSL	213°, 9%, 54%
HSV	213°, 15%, 58%
XYZ	23.1229, 24.5733, 31.9582
YIQ	135.3780, -9.8120, 1.6120

Conversions

Conversions Part 2

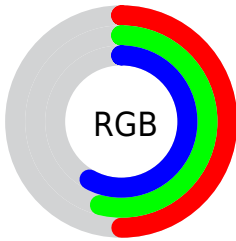
Format	Color
R_{YB}	127, 134, 149
Decimal	8358293
CIE Lab	56.66, -1.05, -7.64
CIE LCh	57, 7.714, 262.206
Yxy	24.5733, 0.2903, 0.3085
Android (android.graphics.Color)	4286548373 (0xFF7F8995)
YUV	135.3780, 6.7156, -7.3475
Hunter-Lab	49.5715, -3.4877, -3.5236

Details

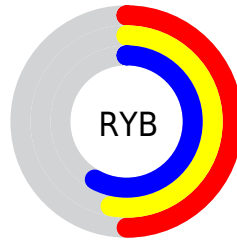
The XYZ color **23.1229, 24.5733, 31.9582** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.4580, 26.3871, 23.8306**, and the grayscale version is **23.1486, 24.3541, 26.5216**.

A 20% lighter version of the original color is **48.0153, 50.8420, 63.7827**, and **8.7547, 9.3179, 12.8924** is the 20% darker color. If you saturate the color by 10%, you get **19.9540, 21.2895, 31.4918**, and if you desaturate by 10%, it is **26.7085, 28.2024, 32.4701**.

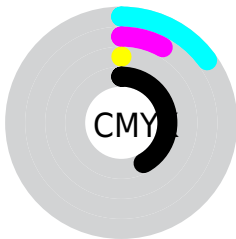
Distribution



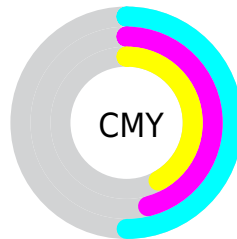
- Red (50%)
- Green (54%)
- Blue (58%)



- Red (50%)
- Yellow (53%)
- Blue (58%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (42%)



- Cyan (50%)
- Magenta (46%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1229, 24.5733, 31.9582 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 23.1229, 24.5733, 31.9582 by changing the saturation by 10% instead.

■ 23.1229, 24.5733,
31.9582

■ 23.1229, 24.5733,
31.9582

260.8792,
275.7062, 325.4157

■ 14.8055, 15.7594,
21.0650

■ 48.0602, 50.9641,
63.8427

■ 8.7684, 9.3541,
12.9798

■ 65.4108, 69.3099,
85.6711

■ 4.6463, 4.9729,
7.2841

■ 86.5032, 91.6018,
111.9817

■ 2.0739, 2.2313,
3.5593

111.7027,
118.2241, 143.1929

■ 0.6750, 0.7370,
1.3868

141.3747,
149.5613, 179.7234

■ 0.0000, 0.0000,
0.1314

175.8846,

■ 0.0000, 0.0000,

185.9978, 221.9916

0.0000

215.5976,
227.9180, 270.4162

■ 23.1229, 24.5733,
31.9582

■ 23.1229, 24.5733,
31.9582

■ 19.9540, 21.2895,
31.4918

■ 26.7085, 28.2024,
32.4701

■ 17.1833, 18.3367,
31.0679

■ 30.7239, 32.1843,
33.0270

■ 14.7942, 15.7041,
30.6856

■ 35.1844, 36.5301,
33.6308

■ 12.7679, 13.3789,
30.3436

■ 40.1037, 41.2497,
34.2825

■ 11.0840, 11.3473,
30.0402

■ 45.4950, 46.3523,
34.9832

■ 9.7196, 9.5945,
29.7738

■ 51.3710, 51.8468,
35.7341

■ 8.6489, 8.1036,
29.5425

■ 57.7439, 57.7419,
36.5360

■ 7.8396, 6.8543,
29.3440

■ 64.6252, 64.0459,
37.3902

■ 7.4763, 6.2729,
29.2509

■ 69.7455, 69.5912,
38.1906

Harmonies

Analogous

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



22.3144, 24.5733, 30.8552



23.1229, 24.5733, 31.9582



24.0145, 24.5733, 31.5983

Triad

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



23.1229, 24.5733, 31.9582



24.9908, 24.5733, 24.9312



22.0187, 24.5733, 23.8399

Complementary

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



23.1229, 24.5733, 31.9582



25.4580, 26.3871, 23.8306

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.



22.7100, 24.5733, 22.4358



23.1229, 24.5733, 31.9582



24.4299, 24.5733, 23.0372

Square

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



23.1229, 24.5733, 31.9582



25.1082, 24.5733, 27.4321



23.5910, 24.5733, 22.1517



21.6876, 24.5733, 26.0914

Rectangle

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



23.1229, 24.5733, 31.9582



24.5349, 24.5733, 30.5871



23.5910, 24.5733, 22.1517



22.2158, 24.5733, 23.2592

Sweetspot

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



23.1236, 24.5743, 31.9587



48.2975, 50.9731, 58.2145



24.1411, 27.8637, 28.4304



10.5978, 11.1907, 12.8863



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.1236, 24.5743, 31.9587



39.2829, 41.8210, 56.9231



21.8767, 21.9178, 31.5117



5.7037, 6.0413, 7.3352



6.3213, 5.3375, 24.6281



0.1062, 0.1230, 0.3111

Inverse Universe

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



24.4998, 23.3750, 26.8887



42.2963, 39.2966, 45.7976



26.8397, 29.3484, 24.3294



5.9039, 5.8566, 6.5999



11.3178, 5.7322, 5.1545



0.1531, 0.0760, 0.1398

Previews

White Background



This preview shows how the XYZ color 23.1229, 24.5733, 31.9582 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 23.1229, 24.5733, 31.9582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

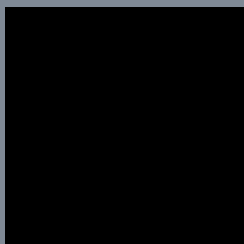
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

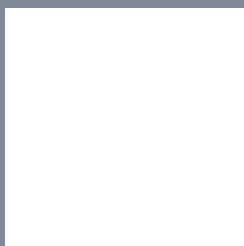
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1229, 24.5733, 31.9582

Background



This preview shows how black text looks on a background with the XYZ color 23.1229, 24.5733, 31.9582.



This preview shows how white text looks on a background with the XYZ color 23.1229, 24.5733,

31.9582.

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

23.1229, 24.5733, 31.9582

Protanopia

24.0009, 24.6170, 31.5035

Deuteranopia

24.9116, 24.4553, 32.2615



Tritanopia

23.0434, 24.5415, 31.5394

Trichromacy



Original Color

23.1229, 24.5733, 31.9582

Protanomaly

23.6652, 24.6520, 31.5280

Deuteranomaly

24.3466, 24.5706, 32.3135

Tritanomaly

23.0434, 24.5415, 31.5394

Monochromacy



Original Color

23.1229, 24.5733, 31.9582

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.0535, 24.4073, 28.3070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1229, 24.5733, 31.9582 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(127, 137, 149)` looks like.

```
.text, #text, p{  
    color:rgb(127, 137, 149)  
}
```

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(127, 137, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 137, 149) }
```

Border

The CSS property to change the border of an element to XYZ 23.1229, 24.5733, 31.9582 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(127, 137, 149) }
```


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

```
.border{ border-color:rgb(127, 137, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 137, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 137, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 137, 149);  
box-shadow:4px 4px 4px 4px rgb(127, 137,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1229, 24.5733, 31.9582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 137, 149) }
```

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

```
.background{ background-color: rgb(127,  
137, 149) }
```

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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