

Converting Colors

XYZ(23.1175, 24.7825, 31.9988)

Have a look what the booklet for
XYZ(23.1175, 24.7825, 31.9988)
contains.

XYZ(23.1175, 24.7825, 31.9988)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.1175, 24.7825,
31.9988)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8A95
RGB	126, 138, 149
RGB Percent	49%, 54%, 58%
CMY	0.5059, 0.4588, 0.4157
CMYK	0.15, 0.07, 0.00, 0.42
HSL	209°, 10%, 54%
HSV	209°, 15%, 58%
XYZ	23.1175, 24.7825, 31.9988
YIQ	135.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

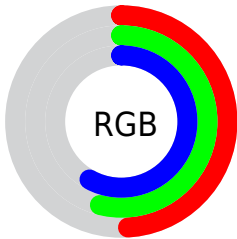
Format	Color
R_{YB}	126, 134, 149
Decimal	8293013
CIE Lab	56.86, -1.96, -7.34
CIE LCh	57, 7.601, 255.082
Yxy	24.7825, 0.2893, 0.3102
Android (android.graphics.Color)	4286483093 (0xFF7E8A95)
YUV	135.6660, 6.5737, -8.4771
Hunter-Lab	49.7820, -4.2277, -3.2629

Details

The XYZ color **23.1175, 24.7825, 31.9988** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1062, 25.7872, 23.3934**, and the grayscale version is **23.2566, 24.4677, 26.6454**.

A 20% lighter version of the original color is **48.0007, 51.1571, 63.8443**, and **8.7549, 9.4391, 12.9158** is the 20% darker color. If you saturate the color by 10%, you get **20.0932, 21.7559, 31.5744**, and if you desaturate by 10%, it is **26.5377, 28.1140, 32.4620**.

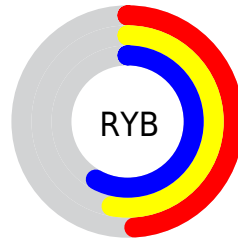
Distribution



Red (49%)

Green (54%)

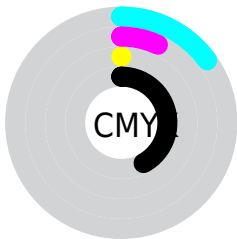
Blue (58%)



Red (49%)

Yellow (53%)

Blue (58%)

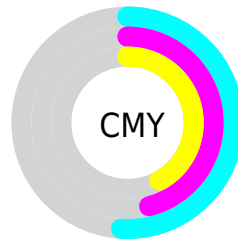


Cyan (15%)

Magenta (7%)

Yellow (0%)

Black (42%)



Cyan (51%)

Magenta (46%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1175, 24.7825, 31.9988 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 23.1175, 24.7825, 31.9988 by changing the saturation by 10% instead.

■ 23.1175, 24.7825,
31.9988

■ 23.1175, 24.7825,
31.9988

260.8520,
276.7530, 325.6063

■ 14.8015, 15.9151,
21.0958

■ 48.0514, 51.3042,
63.9071

■ 8.7656, 9.4641,
13.0021

■ 65.4000, 69.7272,
85.7494

■ 4.6445, 5.0451,
7.2992

■ 86.4902, 92.1042,
112.0753

■ 2.0728, 2.2738,
3.5687

111.6873,
118.8196, 143.3032

■ 0.6744, 0.7598,
1.3918

141.3567,
150.2578, 179.8518

■ 0.0000, 0.0000,
0.1353

175.8637,

■ 0.0000, 0.0000,

186.8032, 222.1394

0.0000

215.5737,
228.8401, 270.5848

■ 23.1175, 24.7825,
31.9988

■ 23.1175, 24.7825,
31.9988

■ 20.0932, 21.7559,
31.5744

■ 26.5377, 28.1140,
32.4620

■ 17.4467, 19.0212,
31.1860

■ 30.3662, 31.7568,
32.9633

■ 15.1622, 16.5687,
30.8331

■ 34.6179, 35.7209,
33.5044

■ 13.2212, 14.3871,
30.5143

■ 39.3059, 40.0150,
34.0861

■ 11.6041, 12.4641,
30.2283

■ 44.4429, 44.6471,
34.7095

■ 10.2886, 10.7860,
29.9738

■ 50.0412, 49.6254,
35.3753

■ 9.2495, 9.3376,
29.7490

■ 56.1123, 54.9573,
36.0845

■ 8.4527, 8.0992,
29.5519

■ 62.6675, 60.6504,
36.8379

■ 8.1316, 7.5834,
29.4693

■ 67.8155, 65.7311,
37.5472

Harmonies

Analogous

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



22.3680, 24.7825, 30.6029



23.1175, 24.7825, 31.9988



24.0028, 24.7825, 31.9947

Triad

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



23.1175, 24.7825, 31.9988



25.2452, 24.7825, 25.7294



22.3646, 24.7825, 23.6712

Complementary

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



23.1175, 24.7825, 31.9988



25.1062, 25.7872, 23.3934

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.



23.1128, 24.7825, 22.5257



23.1175, 24.7825, 31.9988



24.7833, 24.7825, 23.6621

Square

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



23.1175, 24.7825, 31.9988



25.2465, 24.7825, 28.2645



23.9980, 24.7825, 22.5225



21.9408, 24.7825, 25.7426

Rectangle

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



23.1175, 24.7825, 31.9988



24.5517, 24.7825, 31.1937



23.9980, 24.7825, 22.5225



22.5857, 24.7825, 23.1710

Sweetspot

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



23.1182, 24.7835, 31.9994



47.7421, 50.5568, 58.1634



23.8484, 27.7294, 27.6626



10.4892, 11.1165, 12.8777



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.



23.1182, 24.7835, 31.9994



39.1785, 42.1781, 56.9975



21.5888, 21.7247, 31.4895



5.7348, 6.1036, 7.3456



6.8737, 6.4422, 24.8122



0.1137, 0.1379, 0.3135

Inverse Universe

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



24.4433, 23.1469, 27.2254



42.1056, 38.6916, 46.4231



26.7873, 29.1494, 23.9538



5.9196, 5.8629, 6.6827



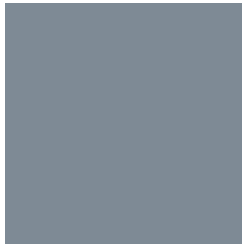
11.5966, 5.8437, 6.6227



0.1568, 0.0775, 0.1595

Previews

White Background



This preview shows how the XYZ color 23.1175, 24.7825, 31.9988 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 23.1175, 24.7825, 31.9988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

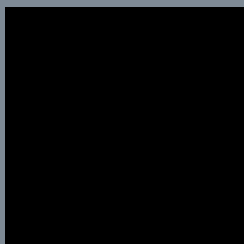
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

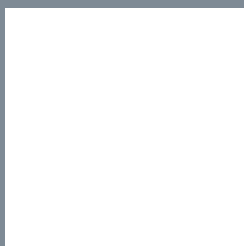
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1175, 24.7825, 31.9988

Background



This preview shows how black text looks on a background with the XYZ color 23.1175, 24.7825, 31.9988.



This preview shows how white text looks on a background with the XYZ color 23.1175, 24.7825,

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

23.1175, 24.7825, 31.9988

Protanopia

23.9221, 24.5854, 31.0884

Deuteranopia

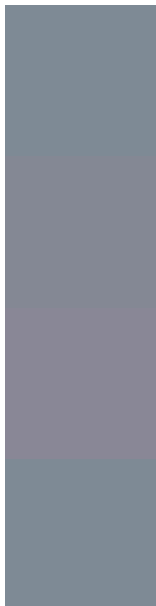
25.2202, 24.8167, 32.3150



Tritanopia

23.1175, 24.7825, 31.9988

Trichromacy



Original Color

23.1175, 24.7825, 31.9988

Protanomaly

23.6652, 24.6520, 31.5280

Deuteranomaly

24.4855, 24.8483, 32.3598

Tritanomaly

23.1175, 24.7825, 31.9988

Monochromacy



Original Color

23.1175, 24.7825, 31.9988

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.2691, 24.7199, 28.7443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1175, 24.7825, 31.9988 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(126, 138, 149)` looks like.

```
.text, #text, p{  
    color:rgb(126, 138, 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(126, 138, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 138, 149) }
```

Border

The CSS property to change the border of an element to XYZ 23.1175, 24.7825, 31.9988 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(126, 138, 149) }
```


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

```
.border{ border-color:rgb(126, 138, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 138, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 138, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 138, 149);  
box-shadow:4px 4px 4px 4px rgb(126, 138,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1175, 24.7825, 31.9988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 138, 149) }
```

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

```
.background{ background-color: rgb(126,  
138, 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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