

Converting Colors

XYZ(23.0803, 25.8569, 31.4923)

Have a look what the booklet for
XYZ(23.0803, 25.8569, 31.4923)
contains.

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Color

**XYZ(23.1150, 25.8891,
31.3826)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8F93
RGB	122, 143, 147
RGB Percent	48%, 56%, 58%
CMY	0.5216, 0.4392, 0.4235
CMYK	0.17, 0.03, 0.00, 0.42
HSL	190°, 10%, 53%
HSV	190°, 17%, 58%
XYZ	23.1150, 25.8891, 31.3826
YIQ	137.1770, -13.8000, -3.2080

Conversions

Conversions Part 2

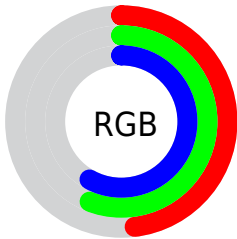
Format	Color
R_{YB}	122, 133, 147
Decimal	8032147
CIE _{Lab}	57.93, -6.57, -4.64
CIE _{LCh}	58, 8.049, 215.229
Yxy	25.8891, 0.2875, 0.3221
Android (android.graphics.Color)	4286222227 (0xFF7A8F93)
YUV	137.1770, 4.8427, -13.3102
Hunter-Lab	50.8813, -7.9511, -0.9520

Details

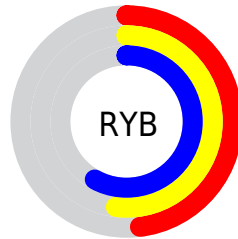
The XYZ color **23.1150, 25.8891, 31.3826** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.0066, 22.5300, 21.5491**, and the grayscale version is **23.8314, 25.0725, 27.3040**.

A 20% lighter version of the original color is **48.1881, 53.2635, 62.9994**, and **8.7733, 10.0897, 12.5514** is the 20% darker color. If you saturate the color by 10%, you get **20.8400, 24.1985, 31.1766**, and if you desaturate by 10%, it is **25.7138, 27.7590, 31.6070**.

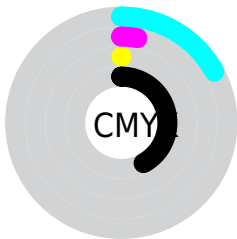
Distribution



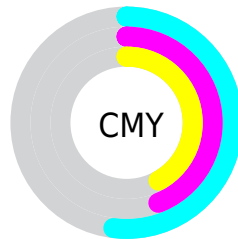
- Red (48%)
- Green (56%)
- Blue (58%)



- Red (48%)
- Yellow (52%)
- Blue (58%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)



- Cyan (52%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1150, 25.8891, 31.3826 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 23.1150, 25.8891, 31.3826 by changing the saturation by 10% instead.

■ 23.1150, 25.8891,
31.3826

■ 23.1150, 25.8891,
31.3826

260.8394,
282.2373, 322.7027

■ 14.7996, 16.7407,
20.6295

■ 48.0474, 53.0960,
62.9286

■ 8.7643, 10.0498,
12.6648

■ 65.3950, 71.9232,
84.5585

■ 4.6436, 5.4320,
7.0701

■ 86.4842, 94.7456,
110.6510

■ 2.0723, 2.5029,
3.4269

111.6801,
121.9474, 141.6248

■ 0.6741, 0.8781,
1.3165

141.3483,
153.9131, 177.8983

■ 0.0000, 0.0000,
0.0753

175.8540,

■ 0.0000, 0.0000,

191.0270, 219.8901

0.0000

215.5626,
233.6736, 268.0187

■ 23.1150, 25.8891,
31.3826

■ 23.1150, 25.8891,
31.3826

■ 20.8400, 24.1985,
31.1766

■ 25.7138, 27.7590,
31.6070

■ 18.8723, 22.6766,
30.9865

■ 28.6474, 29.8118,
31.8486

■ 17.1975, 21.3165,
30.8123

■ 31.9291, 32.0551,
32.1086

■ 15.7992, 20.1097,
30.6531

■ 35.5706, 34.4952,
32.3877

■ 14.6590, 19.0467,
30.5080

■ 39.5833, 37.1378,
32.6863

■ 13.7565, 18.1169,
30.3761

■ 43.9779, 39.9887,
33.0049

■ 13.0680, 17.3080,
30.2562

■ 48.7648, 43.0531,
33.3441

■ 12.5539, 16.5995,
30.1466

■ 53.9539, 46.3363,
33.7043

■ 12.4107, 16.3949,
30.1146

■ 59.5548, 49.8433,
34.0860

Harmonies

Analogous

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



22.7964, 25.8891, 28.6783



23.1150, 25.8891, 31.3826



23.8338, 25.8891, 33.3206

Triad

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



23.1150, 25.8891, 31.3826



26.3389, 25.8891, 30.4859



24.4373, 25.8891, 23.1986

Complementary

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



23.1150, 25.8891, 31.3826



23.0066, 22.5300, 21.5491

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.



25.3963, 25.8891, 23.6130



23.1150, 25.8891, 31.3826



26.5106, 25.8891, 27.7050

Square

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



23.1150, 25.8891, 31.3826



25.6981, 25.8891, 32.7795



26.1615, 25.8891, 25.2194



23.5469, 25.8891, 24.0481

Rectangle

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



23.1150, 25.8891, 31.3826



24.4521, 25.8891, 33.8520



26.1615, 25.8891, 25.2194



24.7622, 25.8891, 23.1954

Sweetspot

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



23.1158, 25.8902, 31.3832



47.0022, 50.3857, 56.6827



22.2101, 26.5054, 23.6002



10.6560, 11.4500, 12.9333



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.



23.1158, 25.8902, 31.3832



39.9452, 45.2985, 56.0727



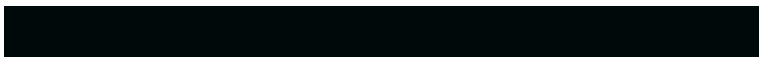
21.3758, 22.4102, 30.8032



5.8860, 6.4059, 7.3960



10.7741, 14.2431, 26.1124



0.1489, 0.2084, 0.3253

Inverse Universe

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



23.9507, 22.1059, 28.9924



41.7110, 37.3997, 50.9930



24.6704, 25.8575, 22.1036



5.9959, 5.8934, 7.0845



13.5654, 6.6312, 16.9901



0.1746, 0.0846, 0.2532

Previews

White Background



This preview shows how the XYZ color 23.1150, 25.8891, 31.3826 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 23.1150, 25.8891, 31.3826 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

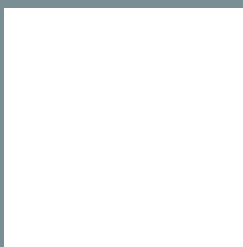
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1150, 25.8891, 31.3826

Background



This preview shows how black text looks on a background with the XYZ color 23.1150, 25.8891, 31.3826.



This preview shows how white text looks on a background with the XYZ color 23.1150, 25.8891,

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

23.1150, 25.8891, 31.3826

Protanopia

24.9377, 25.7660, 30.0445

Deuteranopia

26.3015, 25.7938, 32.0262



Tritanopia

23.5911, 25.8569, 33.8845

Trichromacy



Original Color

23.1150, 25.8891, 31.3826

Protanomaly

24.1618, 25.7870, 30.4920

Deuteranomaly

25.0812, 25.8040, 31.6757

Tritanomaly

23.4273, 25.7913, 33.0216

Monochromacy



Original Color

23.1150, 25.8891, 31.3826

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.5561, 25.2939, 28.8400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1150, 25.8891, 31.3826 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(122, 143, 147)` looks like.

```
.text, #text, p{  
    color:rgb(122, 143, 147)  
}
```

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(122, 143, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 143, 147) }
```

Border

The CSS property to change the border of an element to XYZ 23.1150, 25.8891, 31.3826 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(122, 143, 147) }
```


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

```
.border{ border-color:rgb(122, 143, 147) }
```

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

Here you see how a box with a 4 pixel rgb(122, 143, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 143, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 143, 147);  
box-shadow:4px 4px 4px 4px rgb(122, 143,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1150, 25.8891, 31.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 143, 147) }
```

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

```
.background{ background-color: rgb(122,  
143, 147) }
```

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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