

Converting Colors

XYZ(23.1272, 25.0442, 33.7527)

Have a look what the booklet for
XYZ(23.1272, 25.0442, 33.7527)
contains.

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Color

**XYZ(23.0084, 24.9027,
33.7310)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8B99
RGB	122, 139, 153
RGB Percent	48%, 55%, 60%
CMY	0.5216, 0.4549, 0.4000
CMYK	0.20, 0.09, 0.00, 0.40
HSL	207°, 13%, 54%
HSV	207°, 20%, 60%
XYZ	23.0084, 24.9027, 33.7310
YIQ	135.5130, -14.6260, 0.7500

Conversions

Conversions Part 2

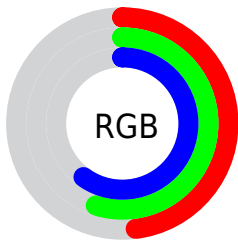
Format	Color
R_{YB}	122, 133, 153
Decimal	8031129
CIE _{Lab}	56.98, -2.96, -9.50
CIE _{LCh}	57, 9.948, 252.718
Yxy	24.9027, 0.2818, 0.3050
Android (android.graphics.Color)	4286221209 (0xFF7A8B99)
YUV	135.5130, 8.6211, -11.8509
Hunter-Lab	49.9026, -5.0293, -5.1445

Details

The XYZ color **23.0084, 24.9027, 33.7310** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.4541, 25.7857, 22.0484**, and the grayscale version is **23.1932, 24.4011, 26.5727**.

A 20% lighter version of the original color is **47.7913, 51.3182, 66.4180**, and **8.7183, 9.5205, 13.9485** is the 20% darker color. If you saturate the color by 10%, you get **20.0414, 21.9353, 33.3150**, and if you desaturate by 10%, it is **26.3812, 28.1744, 34.1851**.

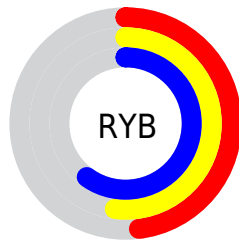
Distribution



Red (48%)

Green (55%)

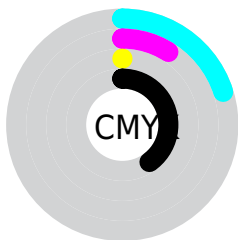
Blue (60%)



Red (48%)

Yellow (52%)

Blue (60%)

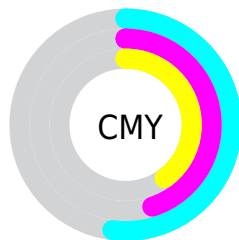


Cyan (20%)

Magenta (9%)

Yellow (0%)

Black (40%)



Cyan (52%)

Magenta (45%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0084, 24.9027, 33.7310 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 23.0084, 24.9027, 33.7310 by changing the saturation by 10% instead.

■ 23.0084, 24.9027,
33.7310

■ 23.0084, 24.9027,
33.7310

260.3027,
277.3530, 333.6634

■ 14.7204, 16.0046,
22.4113

■ 47.8737, 51.4993,
66.6442

■ 8.7085, 9.5274,
13.9583

■ 65.1817, 69.9666,
89.0749

■ 4.6071, 5.0867,
7.9532

■ 86.2271, 92.3924,
116.0463

■ 2.0510, 2.2983,
3.9777

111.3753,
119.1612, 147.9770

■ 0.6624, 0.7728,
1.6131

140.9916,
150.6572, 185.2855

■ 0.0000, 0.0000,
0.3001

175.4413,

■ 0.0000, 0.0000,

187.2649, 228.3904

0.0000

215.0899,
229.3687, 277.7102

■ 23.0084, 24.9027,
33.7310

■ 23.0084, 24.9027,
33.7310

■ 20.0414, 21.9353,
33.3150

■ 26.3812, 28.1744,
34.1851

■ 17.4610, 19.2587,
32.9344

■ 30.1736, 31.7573,
34.6768

■ 15.2494, 16.8627,
32.5885

■ 34.4014, 35.6619,
35.2077

■ 13.3867, 14.7350,
32.2760

■ 39.0789, 39.8971,
35.7786

■ 11.8508, 12.8625,
31.9955

■ 44.2198, 44.4715,
36.3906

■ 10.6168, 11.2304,
31.7455

■ 49.8371, 49.3933,
37.0445

■ 9.6557, 9.8216,
31.5242

■ 55.9434, 54.6704,
37.7413

■ 8.9134, 8.6270,
31.3328

■ 62.5506, 60.3106,
38.4817

■ 67.9191, 65.4184,
39.1847

Harmonies

Analogous

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



22.0574, 24.9027, 31.7159



23.0084, 24.9027, 33.7310



24.1671, 24.9027, 33.8846

Triad

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



23.0084, 24.9027, 33.7310



25.9281, 24.9027, 25.7234



22.1783, 24.9027, 22.6589

Complementary

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



23.0084, 24.9027, 33.7310



25.4541, 25.7857, 22.0484

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.



23.1783, 24.9027, 21.3127



23.0084, 24.9027, 33.7310



25.3578, 24.9027, 22.9817

Square

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



23.0084, 24.9027, 33.7310



25.8789, 24.9027, 29.0706



24.3427, 24.9027, 21.4258



21.5891, 24.9027, 25.2488

Rectangle

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



23.0084, 24.9027, 33.7310



24.9039, 24.9027, 32.8936



24.3427, 24.9027, 21.4258



22.4761, 24.9027, 22.0559

Sweetspot

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



23.0091, 24.9037, 33.7316



49.9655, 53.0457, 61.5774



23.8581, 28.6966, 27.5559



10.9472, 11.6318, 13.5857



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.0091, 24.9037, 33.7316



38.8804, 42.2945, 60.0864



20.9277, 20.7408, 33.0377



6.1511, 6.5596, 7.8709



7.4003, 7.1973, 25.9069



0.1469, 0.1802, 0.3994

Inverse Universe

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



24.7572, 22.5560, 27.4761



42.5899, 37.5026, 46.7692



27.7893, 30.4562, 22.8268



6.3434, 6.2765, 7.1884



12.1941, 6.1319, 7.5471



0.2006, 0.0990, 0.2093

Previews

White Background



This preview shows how the XYZ color 23.0084, 24.9027, 33.7310 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 23.0084, 24.9027, 33.7310 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

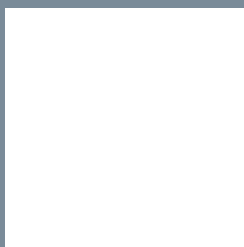
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0084, 24.9027, 33.7310

Background



This preview shows how black text looks on a background with the XYZ color 23.0084, 24.9027, 33.7310.



This preview shows how white text looks on a background with the XYZ color 23.0084, 24.9027,

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

23.0084, 24.9027, 33.7310

Protanopia

24.3817, 24.9936, 32.8173

Deuteranopia

25.2048, 24.7709, 34.0247



Tritanopia

22.8446, 24.8372, 32.8682

Trichromacy



Original Color

23.0084, 24.9027, 33.7310

Protanomaly

23.8191, 24.9041, 33.2573

Deuteranomaly

24.3282, 24.7294, 34.0629

Tritanomaly

22.9262, 24.8698, 33.2978

Monochromacy



Original Color

23.0084, 24.9027, 33.7310

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.1882, 24.6696, 29.1307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0084, 24.9027, 33.7310 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, 139, 153)` looks like.

```
.text, #text, p{  
    color:rgb(122, 139, 153)  
}
```

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, 139, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 139, 153) }
```

Border

The CSS property to change the border of an element to XYZ 23.0084, 24.9027, 33.7310 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, 139, 153) }
```


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

```
.border{ border-color:rgb(122, 139, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 139, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 139, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 139, 153);  
box-shadow:4px 4px 4px 4px rgb(122, 139,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0084, 24.9027, 33.7310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 139, 153) }
```

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

```
.background{ background-color: rgb(122,  
139, 153) }
```

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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