

Converting Colors

XYZ(23.0580, 25.4366, 31.5726)

Have a look what the booklet for
XYZ(23.0580, 25.4366, 31.5726)
contains.

XYZ(23.0386, 25.3988, 31.7052)	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(23.0386, 25.3988,
31.7052)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8D94
RGB	123, 141, 148
RGB Percent	48%, 55%, 58%
CMY	0.5176, 0.4470, 0.4196
CMYK	0.17, 0.05, 0.00, 0.42
HSL	197°, 10%, 53%
HSV	197°, 17%, 58%
XYZ	23.0386, 25.3988, 31.7052
YIQ	136.4160, -12.9750, -1.6390

Conversions

Conversions Part 2

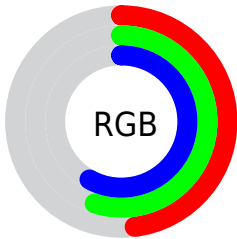
Format	Color
R_{YB}	123, 133, 148
Decimal	8097172
CIE _{Lab}	57.46, -4.89, -5.90
CIE _{LCh}	57, 7.669, 230.341
Yxy	25.3988, 0.2875, 0.3169
Android (android.graphics.Color)	4286287252 (0xFF7B8D94)
YUV	136.4160, 5.7109, -11.7658
Hunter-Lab	50.3972, -6.5956, -2.0216

Details

The XYZ color **23.0386, 25.3988, 31.7052** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7709, 23.6914, 22.0596**, and the grayscale version is **23.5411, 24.7671, 26.9713**.

A 20% lighter version of the original color is **48.0803, 52.5246, 63.4813**, and **8.7228, 9.8011, 12.7413** is the 20% darker color. If you saturate the color by 10%, you get **20.4800, 23.1904, 31.4142**, and if you desaturate by 10%, it is **25.9416, 27.8200, 32.0199**.

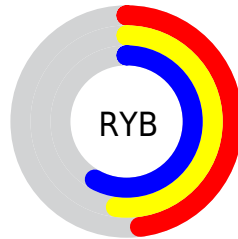
Distribution



Red (48%)

Green (55%)

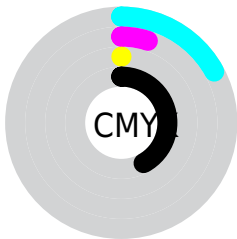
Blue (58%)



Red (48%)

Yellow (52%)

Blue (58%)

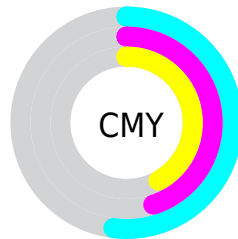


Cyan (17%)

Magenta (5%)

Yellow (0%)

Black (42%)



Cyan (52%)

Magenta (45%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0386, 25.3988, 31.7052 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 23.0386, 25.3988, 31.7052 by changing the saturation by 10% instead.

■ 23.0386, 25.3988,
31.7052

■ 23.0386, 25.3988,
31.7052

260.4548,
279.8182, 324.2254

■ 14.7429, 16.3744,
20.8735

■ 47.9229, 52.3035,
63.4412

■ 8.7243, 9.7895,
12.8412

■ 65.2422, 70.9525,
85.1825

■ 4.6174, 5.2596,
7.1899

■ 86.3000, 93.5786,
111.3975

■ 2.0570, 2.4004,
3.5009

111.4617,
120.5661, 142.5046

■ 0.6657, 0.8261,
1.3557

141.0927,
152.2994, 178.9224

■ 0.0000, 0.0000,
0.1068

175.5583,

■ 0.0000, 0.0000,

189.1630, 221.0694

0.0000

215.2239,
231.5411, 269.3642

■ 23.0386, 25.3988,
31.7052

■ 23.0386, 25.3988,
31.7052

■ 20.4800, 23.1904,
31.4142

■ 25.9416, 27.8200,
32.0199

■ 18.2491, 21.1839,
31.1445

■ 29.2005, 30.4583,
32.3574

■ 16.3310, 19.3718,
30.8958

■ 32.8290, 33.3218,
32.7189

■ 14.7086, 17.7449,
30.6673

■ 36.8392, 36.4170,
33.1050

■ 13.3631, 16.2933,
30.4580

■ 41.2428, 39.7504,
33.5163

■ 12.2737, 15.0057,
30.2669

■ 46.0510, 43.3280,
33.9534

■ 11.4161, 13.8692,
30.0927

■ 51.2744, 47.1558,
34.4169

■ 10.7506, 12.8630,
29.9336

■ 56.9233, 51.2392,
34.9074

■ 10.5583, 12.5640,
29.8860

■ 62.5637, 55.3549,
35.4045

Harmonies

Analogous

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



22.5333, 25.3988, 29.4381



23.0386, 25.3988, 31.7052



23.8477, 25.3988, 32.9085

Triad

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



23.0386, 25.3988, 31.7052



25.9115, 25.3988, 28.5064



23.5362, 25.3988, 23.2073

Complementary

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



23.0386, 25.3988, 31.7052



23.7709, 23.6914, 22.0596

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.



24.4363, 25.3988, 22.9927



23.0386, 25.3988, 31.7052



25.8230, 25.3988, 25.9454

Square

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



23.0386, 25.3988, 31.7052



25.5164, 25.3988, 30.9864



25.2776, 25.3988, 23.9653



22.8155, 25.3988, 24.5714

Rectangle

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



23.0386, 25.3988, 31.7052



24.4570, 25.3988, 32.8968



25.2776, 25.3988, 23.9653



23.8273, 25.3988, 23.0018

Sweetspot

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



23.0393, 25.3998, 31.7058



46.7551, 49.8915, 56.6003



22.7658, 26.9941, 25.0131



10.5927, 11.3233, 12.9122



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.



23.0393, 25.3998, 31.7058



38.9993, 43.4068, 55.7575



21.3426, 22.0064, 31.1402



5.8283, 6.2906, 7.3768



9.0420, 10.7789, 25.5350



0.1356, 0.1818, 0.3208

Inverse Universe

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



24.1041, 22.3856, 28.2508



41.2336, 37.2087, 48.4790



25.4862, 27.1221, 22.6314



5.9668, 5.8818, 6.9312



12.6911, 6.2815, 12.3862



0.1679, 0.0819, 0.2179

Previews

White Background



This preview shows how the XYZ color 23.0386, 25.3988, 31.7052 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 23.0386, 25.3988, 31.7052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

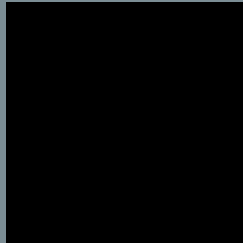
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0386, 25.3988, 31.7052

Background



This preview shows how black text looks on a background with the XYZ color 23.0386, 25.3988, 31.7052.



This preview shows how white text looks on a background with the XYZ color 23.0386, 25.3988,

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

23.0386, 25.3988, 31.7052

Protanopia

24.6152, 25.3699, 30.7937

Deuteranopia

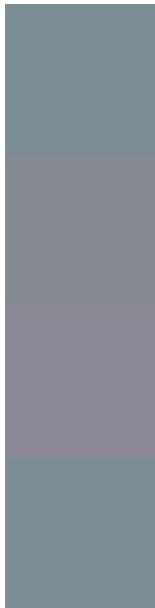
25.8040, 25.3311, 31.9631



Tritanopia

23.3578, 25.3083, 33.3597

Trichromacy



Original Color

23.0386, 25.3988, 31.7052

Protanomaly

24.0278, 25.2701, 31.2150

Deuteranomaly

24.8517, 25.4645, 32.0391

Tritanomaly

23.2762, 25.2756, 32.9301

Monochromacy



Original Color

23.0386, 25.3988, 31.7052

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.1822, 24.8957, 28.3945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0386, 25.3988, 31.7052 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(123, 141, 148)` looks like.

```
.text, #text, p{  
    color:rgb(123, 141, 148)  
}
```

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(123, 141, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 141, 148) }
```

Border

The CSS property to change the border of an element to XYZ 23.0386, 25.3988, 31.7052 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(123, 141, 148) }
```


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

```
.border{ border-color:rgb(123, 141, 148) }
```

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

Here you see how a box with a 4 pixel rgb(123, 141, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 141, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 141, 148);  
box-shadow:4px 4px 4px 4px rgb(123, 141,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0386, 25.3988, 31.7052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 141, 148) }
```

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

```
.background{ background-color: rgb(123,  
141, 148) }
```

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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