

Converting Colors

XYZ(23.1492, 26.1712, 24.1367)

Have a look what the booklet for
XYZ(23.1492, 26.1712, 24.1367)
contains.

XYZ(23.0788, 26.0287, 24.2297)	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(23.0788, 26.0287,
24.2297)**

Conversions

Conversions Part 1

Format	Color
Hex	838F80
RGB	131, 143, 128
RGB Percent	51%, 56%, 50%
CMY	0.4863, 0.4392, 0.4980
CMYK	0.08, 0.00, 0.10, 0.44
HSL	108°, 6%, 53%
HSV	108°, 10%, 56%
XYZ	23.0788, 26.0287, 24.2297
YIQ	137.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

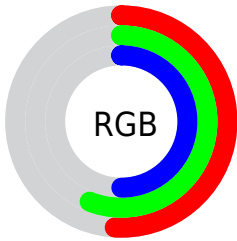
Format	Color
R_{YB}	128, 143, 140
Decimal	8621952
CIE _{Lab}	58.06, -7.31, 6.50
CIE _{LCh}	58, 9.781, 138.355
Yxy	26.0287, 0.3147, 0.3549
Android (android.graphics.Color)	4286812032 (0xFF838F80)
YUV	137.7020, -4.7831, -5.8777
Hunter-Lab	51.0183, -8.5353, 7.5547

Details

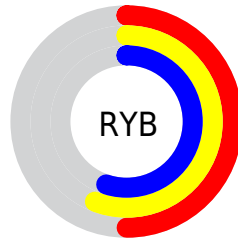
The XYZ color **23.0788, 26.0287, 24.2297** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4933, 22.9976, 29.1887**, and the grayscale version is **24.0628, 25.3159, 27.5691**.

A 20% lighter version of the original color is **48.0739, 53.4590, 51.5009**, and **8.8053, 10.1871, 8.8993** is the 20% darker color. If you saturate the color by 10%, you get **20.5280, 24.8157, 19.5384**, and if you desaturate by 10%, it is **25.9594, 27.3979, 29.6301**.

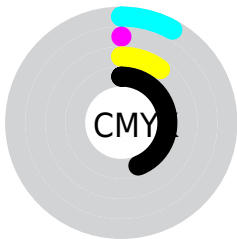
Distribution



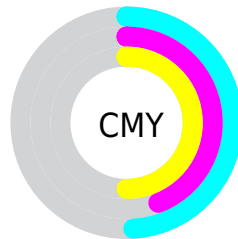
- Red (51%)
- Green (56%)
- Blue (50%)



- Red (50%)
- Yellow (56%)
- Blue (55%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (44%)



- Cyan (49%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0788, 26.0287, 24.2297 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 23.0788, 26.0287, 24.2297 by changing the saturation by 10% instead.

■ 23.0788, 26.0287,
24.2297

■ 23.0788, 26.0287,
24.2297

260.6573,
282.9229, 287.3036

■ 14.7727, 16.8451,
15.2903

■ 47.9884, 53.3212,
51.3533

■ 8.7453, 10.1241,
8.8745

■ 65.3226, 72.1990,
70.3746

■ 4.6312, 5.4813,
4.5637

■ 86.3969, 95.0769,
93.5936

■ 2.0651, 2.5324,
1.9394

111.5767,
122.3394, 121.4289

■ 0.6701, 0.8928,
0.5176

141.2272,
154.3708, 154.2990

■ 0.0000, 0.0000,
0.0000

175.7139,

191.5557, 192.6225

215.4022,
234.2782, 236.8178

■ 23.0788, 26.0287,
24.2297

■ 23.0788, 26.0287,
24.2297

■ 20.5280, 24.8157,
19.5384

■ 25.9594, 27.3979,
29.6301

■ 18.2931, 23.7501,
15.5251

■ 29.1789, 28.9252,
35.7655

■ 16.3622, 22.8271,
12.1589

■ 32.7487, 30.6165,
42.6627

■ 14.7218, 22.0407,
9.4060

■ 36.6791, 32.4767,
50.3465

■ 13.3574, 21.3841,
7.2293

■ 40.9799, 34.5103,
58.8406

■ 12.2534, 20.8502,
5.5879

■ 45.6604, 36.7216,
68.1679

■ 11.3923, 20.4309,
4.4354

■ 50.7298, 39.1148,
78.3502

■ 10.7543, 20.1172,
3.7175

■ 56.1968, 41.6941,
89.4085

■ 10.3183, 19.9013,
3.2975

■ 61.7943, 44.3530,
99.9118

Harmonies

Analogous

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



24.0303, 26.0287, 22.5981



23.0788, 26.0287, 24.2297



22.5785, 26.0287, 27.0465

Triad

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



23.0788, 26.0287, 24.2297



24.2833, 26.0287, 35.2098



26.9612, 26.0287, 26.3391

Complementary

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



23.0788, 26.0287, 24.2297



23.4933, 22.9976, 29.1887

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.



27.0342, 26.0287, 29.6758



23.0788, 26.0287, 24.2297



25.4625, 26.0287, 34.9823

Square

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



23.0788, 26.0287, 24.2297



23.2590, 26.0287, 33.4914



26.4780, 26.0287, 32.8925



26.2816, 26.0287, 23.7474

Rectangle

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



23.0788, 26.0287, 24.2297



22.5571, 26.0287, 29.2977



26.4780, 26.0287, 32.8925



27.0583, 26.0287, 27.4050

Sweetspot

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



23.0795, 26.0298, 24.2303



45.1029, 48.4059, 50.4488



24.6031, 26.1555, 24.1742



10.2510, 11.0568, 11.3958



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.0795, 26.0298, 24.2303



39.9996, 45.9805, 40.9263



22.9245, 25.9149, 25.8041



5.4374, 6.0781, 5.7760



9.1376, 17.6032, 2.9162



0.1022, 0.1759, 0.0286

Inverse Universe

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



23.4933, 22.9976, 29.1887



40.9196, 39.2362, 51.9547



23.6715, 23.1281, 27.4525



5.5221, 5.4573, 6.7911



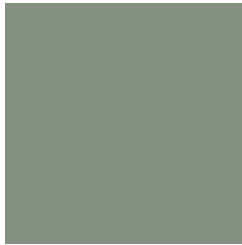
10.5834, 4.9495, 23.3746



0.1185, 0.0563, 0.2243

Previews

White Background



This preview shows how the XYZ color 23.0788, 26.0287, 24.2297 looks on a white background.

Color Contrast Check

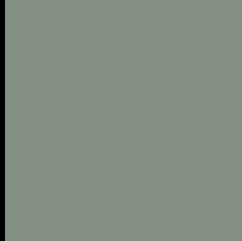
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0788, 26.0287, 24.2297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

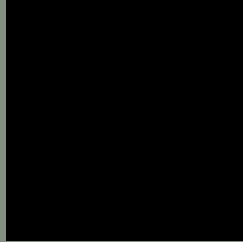
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0788, 26.0287, 24.2297

Background



This preview shows how black text looks on a background with the XYZ color 23.0788, 26.0287, 24.2297.



This preview shows how white text looks on a background with the XYZ color 23.0788, 26.0287,

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

23.0788, 26.0287, 24.2297

Protanopia

24.6756, 25.9913, 23.4550

Deuteranopia

26.4035, 26.0076, 24.7474



Tritanopia

24.9557, 26.1414, 33.0087

Trichromacy



Original Color

23.0788, 26.0287, 24.2297

Protanomaly

24.0241, 25.8639, 23.8047

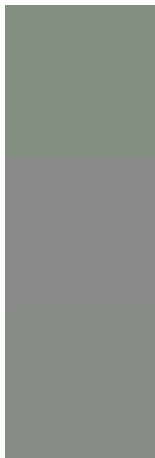
Deuteranomaly

25.0835, 25.9650, 24.4586

Tritanomaly

24.3143, 26.1013, 29.7431

Monochromacy



Original Color

23.0788, 26.0287, 24.2297

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.6728, 25.6283, 26.2533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0788, 26.0287, 24.2297 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(131, 143, 128)` looks like.

```
.text, #text, p{  
    color:rgb(131, 143, 128)  
}
```

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(131, 143, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 143, 128) }
```

Border

The CSS property to change the border of an element to XYZ 23.0788, 26.0287, 24.2297 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(131, 143, 128) }
```


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

```
.border{ border-color:rgb(131, 143, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 143, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 143, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 143, 128);  
box-shadow:4px 4px 4px 4px rgb(131, 143,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0788, 26.0287, 24.2297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 143, 128) }
```

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

```
.background{ background-color: rgb(131,  
143, 128) }
```

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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