

Converting Colors

XYZ(23.8208, 26.4655, 27.2381)

Have a look what the booklet for
XYZ(23.8208, 26.4655, 27.2381)
contains.

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Color

**XYZ(23.9329, 26.6296,
27.1712)**

Conversions

Conversions Part 1

Format	Color
Hex	849088
RGB	132, 144, 136
RGB Percent	52%, 56%, 53%
CMY	0.4823, 0.4353, 0.4667
CMYK	0.08, 0.00, 0.06, 0.44
HSL	140°, 5%, 54%
HSV	140°, 8%, 56%
XYZ	23.9329, 26.6296, 27.1712
YIQ	139.5000, -4.5840, -5.0320

Conversions

Conversions Part 2

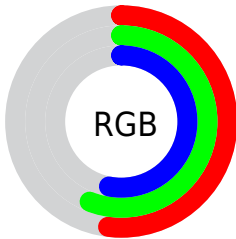
Format	Color
R_{YB}	132, 141, 144
Decimal	8687752
CIE _{Lab}	58.63, -5.95, 2.76
CIE _{LCh}	59, 6.554, 155.127
Yxy	26.6296, 0.3079, 0.3426
Android (android.graphics.Color)	4286877832 (0xFF849088)
YUV	139.5000, -1.7255, -6.5775
Hunter-Lab	51.6039, -7.5219, 4.9045

Details

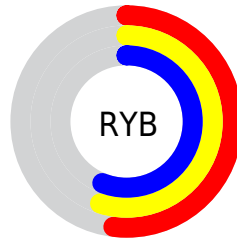
The XYZ color **23.9329, 26.6296, 27.1712** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4874, 24.3259, 28.2169**, and the grayscale version is **24.7418, 26.0303, 28.3470**.

A 20% lighter version of the original color is **49.3870, 54.3766, 56.0369**, and **9.2497, 10.5163, 10.3464** is the 20% darker color. If you saturate the color by 10%, you get **21.1826, 25.2879, 23.6389**, and if you desaturate by 10%, it is **27.0567, 28.1583, 31.0412**.

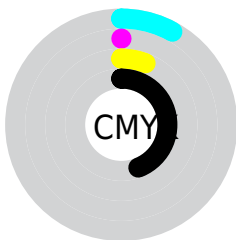
Distribution



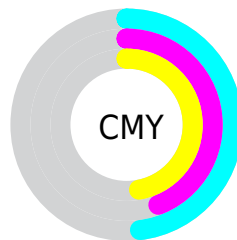
- Red (52%)
- Green (56%)
- Blue (53%)



- Red (52%)
- Yellow (55%)
- Blue (56%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (44%)



- Cyan (48%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9329, 26.6296, 27.1712 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 23.9329, 26.6296, 27.1712 by changing the saturation by 10% instead.

■ 23.9329, 26.6296,
27.1712

■ 23.9329, 26.6296,
27.1712

264.9278,
285.8592, 302.2714

■ 15.4083, 17.2952,
17.4683

■ 49.3762, 54.2889,
56.1655

■ 9.1946, 10.4452,
10.4034

■ 67.0255, 73.3827,
76.2940

■ 4.9265, 5.6951,
5.5582

■ 88.4472, 96.4983,
100.7348

■ 2.2385, 2.6606,
2.5139

114.0066,
124.0203, 129.9063

■ 0.7629, 0.9572,
0.8475

144.0690,
156.3330, 164.2272

■ 0.0000, 0.0000,
0.0000

178.9998,

193.8208, 204.1160

219.1643,
236.8680, 249.9913

■ 23.9329, 26.6296,
27.1712

■ 23.9329, 26.6296,
27.1712

■ 21.1826, 25.2879,
23.6389

■ 27.0567, 28.1583,
31.0412

■ 18.7894, 24.1226,
20.4336

■ 30.5652, 29.8774,
35.2558

■ 16.7387, 23.1272,
17.5465

■ 34.4720, 31.7943,
39.8239

■ 15.0143, 22.2935,
14.9676

■ 38.7893, 33.9153,
44.7536

■ 13.5985, 21.6127,
12.6867

■ 43.5287, 36.2462,
50.0526

■ 12.4719, 21.0748,
10.6928

■ 48.7013, 38.7925,
55.7286

■ 11.6126, 20.6690,
8.9743

■ 54.3181, 41.5598,
61.7888

■ 10.9958, 20.3826,
7.5187

■ 60.3893, 44.5531,
68.2403

■ 10.5707, 20.1898,
6.3116

■ 64.4536, 46.5034,
74.9744

Harmonies

Analogous

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



24.4309, 26.6296, 25.5203



23.9329, 26.6296, 27.1712



23.8009, 26.6296, 29.3928

Triad

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



23.9329, 26.6296, 27.1712



25.4491, 26.6296, 33.6356



26.5971, 26.6296, 26.5198

Complementary

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



23.9329, 26.6296, 27.1712



24.4874, 24.3259, 28.2169

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.



26.8829, 26.6296, 28.6010



23.9329, 26.6296, 27.1712



26.2112, 26.6296, 32.7718

Square

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



23.9329, 26.6296, 27.1712



24.6655, 26.6296, 33.2033



26.7403, 26.6296, 30.8989



25.9669, 26.6296, 25.1584

Rectangle

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



23.9329, 26.6296, 27.1712



23.9357, 26.6296, 30.9174



26.7403, 26.6296, 30.8989



26.7373, 26.6296, 27.1542

Sweetspot

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



23.9336, 26.6307, 27.1718



45.0325, 48.3474, 51.4461



24.9881, 27.2065, 25.7645



10.2311, 11.0403, 11.6789



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.



23.9336, 26.6307, 27.1718



41.2547, 46.5008, 46.7123



24.3573, 26.8002, 29.4028



5.4124, 6.0572, 6.1376



9.1594, 17.5596, 5.3936



0.0970, 0.1717, 0.1012

Inverse Universe

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



24.4874, 24.3259, 28.2169



42.4358, 41.5849, 48.9412



24.0707, 24.1592, 26.0225



5.5509, 5.4809, 6.3989



11.8658, 5.9034, 10.2108



0.1237, 0.0605, 0.1516

Previews

White Background



This preview shows how the XYZ color 23.9329, 26.6296, 27.1712 looks on a white background.

Color Contrast Check

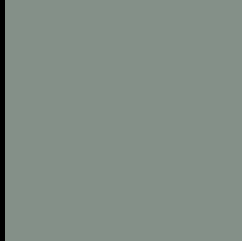
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9329, 26.6296, 27.1712 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

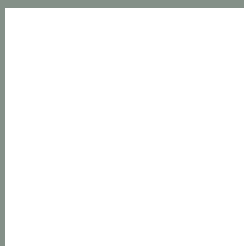
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9329, 26.6296, 27.1712

Background



This preview shows how black text looks on a background with the XYZ color 23.9329, 26.6296, 27.1712.



This preview shows how white text looks on a background with the XYZ color 23.9329, 26.6296,

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

23.9329, 26.6296, 27.1712

Protanopia

25.3582, 26.4971, 26.3322

Deuteranopia

27.1019, 26.5112, 27.7335



Tritanopia

25.2663, 26.5006, 33.9204

Trichromacy



Original Color

23.9329, 26.6296, 27.1712

Protanomaly

24.7133, 26.3745, 26.7099

Deuteranomaly

25.7806, 26.4744, 27.4182

Tritanomaly

24.7710, 26.5209, 31.4172

Monochromacy



Original Color

23.9329, 26.6296, 27.1712

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.5016, 26.2322, 28.1980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9329, 26.6296, 27.1712 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(132, 144, 136)` looks like.

```
.text, #text, p{  
    color:rgb(132, 144, 136)  
}
```

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(132, 144, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 144, 136) }
```

Border

The CSS property to change the border of an element to XYZ 23.9329, 26.6296, 27.1712 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(132, 144, 136) }
```


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

```
.border{ border-color:rgb(132, 144, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 144, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 144, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 144, 136);  
box-shadow:4px 4px 4px 4px rgb(132, 144,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9329, 26.6296, 27.1712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 144, 136) }
```

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

```
.background{ background-color: rgb(132,  
144, 136) }
```

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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