

Converting Colors

XYZ(23.1302, 25.7122, 27.9853)

Have a look what the booklet for
XYZ(23.1302, 25.7122, 27.9853)
contains.

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Color

**XYZ(23.2353, 25.7993,
28.1812)**

Conversions

Conversions Part 1

Format	Color
Hex	808E8B
RGB	128, 142, 139
RGB Percent	50%, 56%, 55%
CMY	0.4980, 0.4431, 0.4549
CMYK	0.10, 0.00, 0.02, 0.44
HSL	167°, 6%, 53%
HSV	167°, 10%, 56%
XYZ	23.2353, 25.7993, 28.1812
YIQ	137.4720, -7.3810, -3.9010

Conversions

Conversions Part 2

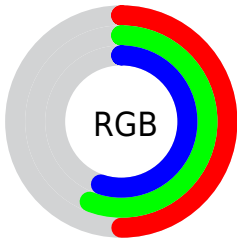
Format	Color
R_{YB}	128, 136, 142
Decimal	8425099
CIE _{Lab}	57.85, -5.67, -0.14
CIE _{LCh}	58, 5.667, 181.376
Yxy	25.7993, 0.3009, 0.3341
Android (android.graphics.Color)	4286615179 (0xFF808E8B)
YUV	137.4720, 0.7533, -8.3069
Hunter-Lab	50.7930, -7.2328, 2.6596

Details

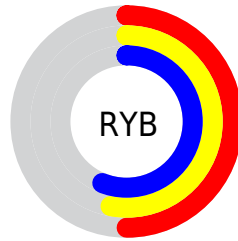
The XYZ color **23.2353, 25.7993, 28.1812** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.9722, 22.8285, 24.6696**, and the grayscale version is **23.9564, 25.2040, 27.4472**.

A 20% lighter version of the original color is **48.3104, 53.1094, 57.5741**, and **8.8548, 10.0378, 10.9220** is the 20% darker color. If you saturate the color by 10%, you get **21.0279, 24.6874, 26.9331**, and if you desaturate by 10%, it is **25.7494, 27.0700, 29.4771**.

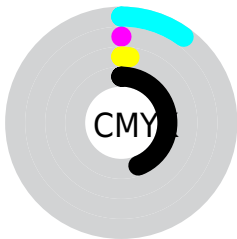
Distribution



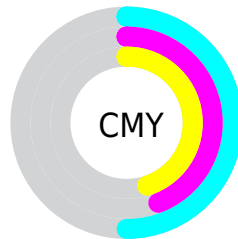
- Red (50%)
- Green (56%)
- Blue (55%)



- Red (50%)
- Yellow (53%)
- Blue (56%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (44%)



- Cyan (50%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2353, 25.7993, 28.1812 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 23.2353, 25.7993, 28.1812 by changing the saturation by 10% instead.

■ 23.2353, 25.7993,
28.1812

■ 23.2353, 25.7993,
28.1812

261.4441,
281.7955, 307.2709

■ 14.8890, 16.6736,
18.2221

■ 48.2432, 52.9510,
57.8002

■ 8.8273, 10.0020,
10.9384

■ 65.6355, 71.7457,
78.2971

■ 4.6849, 5.4003,
5.9118

■ 86.7739, 94.5322,
103.1437

■ 2.0965, 2.4840,
2.7236

112.0237,
121.6950, 132.7586

■ 0.6873, 0.8686,
0.9553

141.7503,
153.6182, 167.5601

■ 0.0000, 0.0000,
0.0000

176.3189,

190.6865, 207.9670

216.0951,
233.2841, 254.3978

■ 23.2353, 25.7993,
28.1812

■ 23.2353, 25.7993,
28.1812

■ 21.0279, 24.6874,
26.9331

■ 25.7494, 27.0700,
29.4771

■ 19.1125, 23.7246,
25.7301

■ 28.5795, 28.5022,
30.8199

■ 17.4765, 22.9052,
24.5721

■ 31.7376, 30.1027,
32.2109

■ 16.1059, 22.2218,
23.4581

■ 35.2340, 31.8770,
33.6509

■ 14.9848, 21.6664,
22.3871

■ 39.0790, 33.8301,
35.1405

■ 14.0961, 21.2302,
21.3579

■ 43.2819, 35.9671,
36.6805

■ 13.4204, 20.9030,
20.3695

■ 47.8522, 38.2927,
38.2715

■ 12.9348, 20.6732,
19.4205

■ 52.7988, 40.8115,
39.9142

■ 12.5782, 20.5092,
18.5076

■ 57.8336, 43.3750,
41.5954

Harmonies

Analogous

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



23.3897, 25.7993, 26.3322



23.2353, 25.7993, 28.1812



23.4202, 25.7993, 30.0896

Triad

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



23.2353, 25.7993, 28.1812



25.2097, 25.7993, 31.4167



25.1543, 25.7993, 24.9256

Complementary

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



23.2353, 25.7993, 28.1812



22.9722, 22.8285, 24.6696

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.



25.6567, 25.7993, 26.1831



23.2353, 25.7993, 28.1812



25.6892, 25.7993, 29.9266

Square

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



23.2353, 25.7993, 28.1812



24.5529, 25.7993, 32.0102



25.8542, 25.7993, 28.0011



24.4900, 25.7993, 24.5056

Rectangle

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



23.2353, 25.7993, 28.1812



23.7130, 25.7993, 31.1245



25.8542, 25.7993, 28.0011



25.3481, 25.7993, 25.2614

Sweetspot

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



23.2360, 25.8004, 28.1818



43.9256, 46.9856, 51.2373



22.9353, 25.7336, 24.1807



9.7353, 10.4562, 11.4055



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.2360, 25.8004, 28.1818



39.9943, 45.0009, 49.1601



22.8787, 24.7297, 29.1600



5.5114, 6.0968, 6.6590



11.2953, 18.4140, 16.6413



0.1160, 0.1792, 0.2011

Inverse Universe

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



22.9722, 22.8285, 24.6696



39.4256, 38.5936, 41.5884



23.2992, 23.8036, 23.7890



5.4533, 5.4418, 5.8850



10.2373, 5.2520, 1.6352



0.1047, 0.0530, 0.0518

Previews

White Background



This preview shows how the XYZ color 23.2353, 25.7993, 28.1812 looks on a white background.

Color Contrast Check

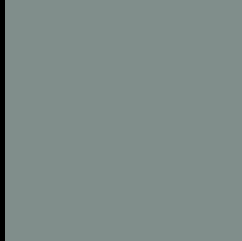
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2353, 25.7993, 28.1812 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

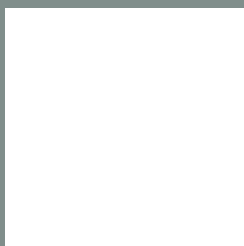
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.2353, 25.7993, 28.1812

Background



This preview shows how black text looks on a background with the XYZ color 23.2353, 25.7993, 28.1812.



This preview shows how white text looks on a background with the XYZ color 23.2353, 25.7993,

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

23.2353, 25.7993, 28.1812

Protanopia

24.7592, 25.7339, 27.3291

Deuteranopia

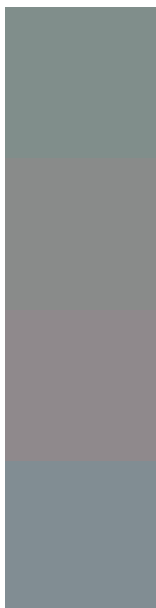
26.0953, 25.5526, 28.7561



Tritanopia

24.1699, 25.7364, 32.9719

Trichromacy



Original Color

23.2353, 25.7993, 28.1812

Protanomaly

24.1366, 25.6186, 27.7175

Deuteranomaly

25.0070, 25.6244, 28.4389

Tritanomaly

23.8446, 25.8235, 31.3314

Monochromacy



Original Color

23.2353, 25.7993, 28.1812

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6516, 25.3685, 27.6948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2353, 25.7993, 28.1812 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(128, 142, 139)` looks like.

```
.text, #text, p{  
    color:rgb(128, 142, 139)  
}
```

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(128, 142, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 142, 139) }
```

Border

The CSS property to change the border of an element to XYZ 23.2353, 25.7993, 28.1812 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(128, 142, 139) }
```


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

```
.border{ border-color:rgb(128, 142, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 142, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 142, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 142, 139);  
box-shadow:4px 4px 4px 4px rgb(128, 142,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2353, 25.7993, 28.1812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 142, 139) }
```

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

```
.background{ background-color: rgb(128,  
142, 139) }
```

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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