

Converting Colors

XYZ(23.0912, 25.9144, 29.7670)

Have a look what the booklet for
XYZ(23.0912, 25.9144, 29.7670)
contains.

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Color

**XYZ(23.0926, 25.9132,
29.7712)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8F8F
RGB	124, 143, 143
RGB Percent	49%, 56%, 56%
CMY	0.5137, 0.4392, 0.4392
CMYK	0.13, 0.00, 0.00, 0.44
HSL	180°, 8%, 52%
HSV	180°, 13%, 56%
XYZ	23.0926, 25.9132, 29.7712
YIQ	137.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

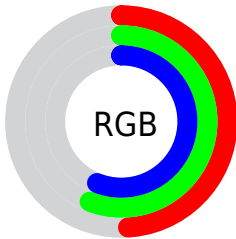
Format	Color
R _Y B	124, 134, 143
Decimal	8163215
CIE Lab	57.95, -6.77, -2.30
CIE LCh	58, 7.155, 198.771
Yxy	25.9132, 0.2931, 0.3289
Android (android.graphics.Color)	4286353295 (0xFF7C8F8F)
YUV	137.3190, 2.8007, -11.6808
Hunter-Lab	50.9050, -8.1088, 0.9584

Details

The XYZ color **23.0926, 25.9132, 29.7712** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.1744, 21.7110, 22.0920**, and the grayscale version is **23.8920, 25.1362, 27.3734**.

A 20% lighter version of the original color is **48.1758, 53.3108, 60.5742**, and **8.7918, 10.1149, 11.8449** is the 20% darker color. If you saturate the color by 10%, you get **21.1741, 24.9249, 29.6813**, and if you desaturate by 10%, it is **25.3123, 27.0582, 29.8763**.

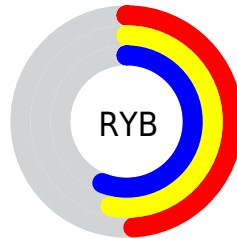
Distribution



Red (49%)

Green (56%)

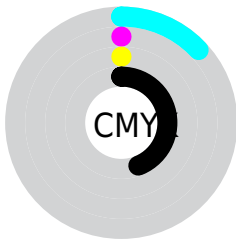
Blue (56%)



Red (49%)

Yellow (53%)

Blue (56%)

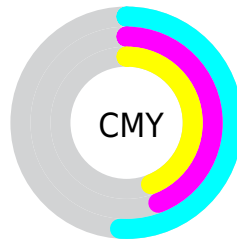


Cyan (13%)

Magenta (0%)

Yellow (0%)

Black (44%)



Cyan (51%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0926, 25.9132, 29.7712 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 23.0926, 25.9132, 29.7712 by changing the saturation by 10% instead.

■ 23.0926, 25.9132,
29.7712

■ 23.0926, 25.9132,
29.7712

260.7267,
282.3557, 315.0105

■ 14.7830, 16.7587,
19.4144

■ 48.0109, 53.1349,
60.3569

■ 8.7525, 10.0626,
11.7903

■ 65.3502, 71.9709,
81.4228

■ 4.6359, 5.4405,
6.4802

■ 86.4302, 94.8028,
106.8956

■ 2.0678, 2.5080,
3.0658

111.6161,
122.0151, 137.1938

■ 0.6716, 0.8806,
1.1283

141.2734,
153.9922, 172.7358

■ 0.0000, 0.0000,
0.0000

175.7673,

191.1183, 213.9402

215.4633,
233.7781, 261.2256

■ 23.0926, 25.9132,
29.7712

■ 23.0926, 25.9132,
29.7712

■ 21.1741, 24.9249,
29.6813

■ 25.3123, 27.0582,
29.8763

■ 19.5418, 24.0834,
29.6042

■ 27.8431, 28.3628,
29.9954

■ 18.1825, 23.3827,
29.5400

■ 30.6971, 29.8341,
30.1296

■ 17.0815, 22.8151,
29.4878

■ 33.8851, 31.4776,
30.2795

■ 16.2223, 22.3722,
29.4469

■ 37.4175, 33.2986,
30.4455

■ 15.5869, 22.0446,
29.4165

■ 41.3041, 35.3022,
30.6280

■ 15.1543, 21.8217,
29.3956

■ 45.5545, 37.4933,
30.8276

■ 14.9001, 21.6906,
29.3830

■ 50.1777, 39.8767,
31.0446

■ 14.7798, 21.6286,
29.3769

■ 55.1826, 42.4568,
31.2795

Harmonies

Analogous

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



23.0386, 25.9132, 27.3002



23.0926, 25.9132, 29.7712



23.5528, 25.9132, 31.9401

Triad

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



23.0926, 25.9132, 29.7712



25.8982, 25.9132, 31.4627



24.9541, 25.9132, 23.8080

Complementary

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



23.0926, 25.9132, 29.7712



22.1744, 21.7110, 22.0920

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.



25.7390, 25.9132, 24.7915



23.0926, 25.9132, 29.7712



26.2925, 25.9132, 29.1502

Square

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



23.0926, 25.9132, 29.7712



25.1672, 25.9132, 32.9553



26.2336, 25.9132, 26.7141



24.0999, 25.9132, 23.9527

Rectangle

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



23.0926, 25.9132, 29.7712



24.0341, 25.9132, 32.8781



26.2336, 25.9132, 26.7141



25.2351, 25.9132, 24.0152

Sweetspot

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



23.0933, 25.9143, 29.7718



44.9914, 48.2810, 53.4854



21.8194, 25.4100, 22.8239



10.2508, 11.0375, 12.2623



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.



23.0933, 25.9143, 29.7718



40.2503, 45.8369, 53.2621



21.7707, 23.2687, 29.3317



5.5603, 6.1163, 6.9161



13.0675, 19.1229, 25.9735



0.1249, 0.1828, 0.2484

Inverse Universe

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



22.1744, 21.7110, 22.0920



38.2682, 36.7707, 36.6973



23.3794, 24.1212, 22.4929



5.4089, 5.4241, 5.6514



10.0159, 5.1634, 0.4692



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 23.0926, 25.9132, 29.7712 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 23.0926, 25.9132, 29.7712 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

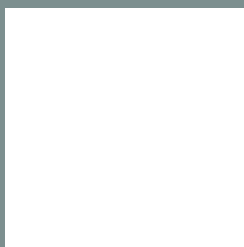
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0926, 25.9132, 29.7712

Background



This preview shows how black text looks on a background with the XYZ color 23.0926, 25.9132, 29.7712.



This preview shows how white text looks on a background with the XYZ color 23.0926, 25.9132,

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

23.0926, 25.9132, 29.7712

Protanopia

24.8066, 25.7331, 28.4705

Deuteranopia

26.3525, 25.8563, 30.3899



Tritanopia

23.8788, 25.7853, 33.8555

Trichromacy



Original Color

23.0926, 25.9132, 29.7712

Protanomaly

24.1775, 25.8302, 28.9107

Deuteranomaly

25.1070, 25.8533, 30.0525

Tritanomaly

23.5553, 25.8759, 32.1868

Monochromacy



Original Color

23.0926, 25.9132, 29.7712

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.4085, 25.2349, 28.0631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0926, 25.9132, 29.7712 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(124, 143, 143)` looks like.

```
.text, #text, p{  
    color:rgb(124, 143, 143)  
}
```

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(124, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 143, 143) }
```

Border

The CSS property to change the border of an element to XYZ 23.0926, 25.9132, 29.7712 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(124, 143, 143) }
```


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

```
.border{ border-color:rgb(124, 143, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(124, 143,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0926, 25.9132, 29.7712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 143, 143) }
```

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

```
.background{ background-color: rgb(124,  
143, 143) }
```

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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