

Converting Colors

XYZ(24.8873, 25.1338, 29.9304)

Have a look what the booklet for
XYZ(24.8873, 25.1338, 29.9304)
contains.

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Color

**XYZ(24.8533, 25.0923,
29.9190)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8790
RGB	142, 135, 144
RGB Percent	56%, 53%, 56%
CMY	0.4431, 0.4706, 0.4353
CMYK	0.01, 0.06, 0.00, 0.44
HSL	287°, 4%, 55%
HSV	287°, 6%, 56%
XYZ	24.8533, 25.0923, 29.9190
YIQ	138.1190, 1.2830, 4.2830

Conversions

Conversions Part 2

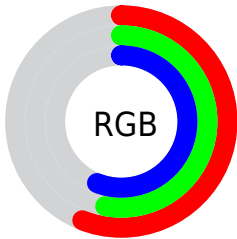
Format	Color
R_{YB}	142, 135, 144
Decimal	9340816
CIE Lab	57.17, 4.36, -3.88
CIE LCh	57, 5.838, 318.377
Yxy	25.0923, 0.3112, 0.3142
Android (android.graphics.Color)	4287530896 (0xFF8E8790)
YUV	138.1190, 2.8993, 3.4036
Hunter-Lab	50.0922, 0.9016, -0.3481

Details

The XYZ color **24.8533, 25.0923, 29.9190** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.6640, 27.0149, 26.8374**, and the grayscale version is **24.1924, 25.4523, 27.7175**.

A 20% lighter version of the original color is **50.9412, 51.7794, 60.7356**, and **9.6825, 9.5805, 11.9286** is the 20% darker color. If you saturate the color by 10%, you get **22.4374, 21.0639, 29.2691**, and if you desaturate by 10%, it is **27.5582, 29.6745, 30.6613**.

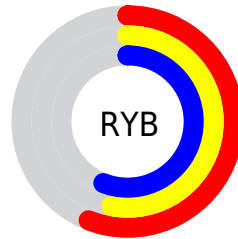
Distribution



Red (56%)

Green (53%)

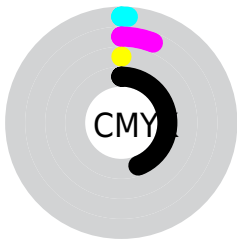
Blue (56%)



Red (56%)

Yellow (53%)

Blue (56%)

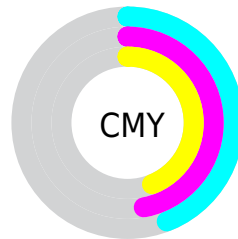


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (44%)



Cyan (44%)

Magenta (47%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8533, 25.0923, 29.9190 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 24.8533, 25.0923, 29.9190 by changing the saturation by 10% instead.

■ 24.8533, 25.0923,
29.9190

■ 24.8533, 25.0923,
29.9190

269.4677,
278.2973, 315.7223

■ 16.0959, 16.1458,
19.5256

■ 50.8637, 51.8069,
60.5936

■ 9.6833, 9.6274,
11.8700

■ 68.8475, 70.3439,
81.7118

■ 5.2502, 5.1526,
6.5338

■ 90.6375, 92.8464,
107.2420

■ 2.4310, 2.3371,
3.0983

116.5990,
119.6990, 137.6028

■ 0.8606, 0.7932,
1.1450

147.0975,
151.2860, 173.2127

■ 0.0000, 0.0000,
0.0000

182.4982,

187.9918, 214.4902

223.1665,
230.2007, 261.8539

■ 24.8533, 25.0923,
29.9190

■ 24.8533, 25.0923,
29.9190

■ 22.4374, 21.0639,
29.2691

■ 27.5582, 29.6745,
30.6613

■ 20.2973, 17.5643,
28.7065

■ 30.5603, 34.8279,
31.4977

■ 18.4221, 14.5715,
28.2276

■ 33.8701, 40.5729,
32.4322

■ 16.7993, 12.0604,
27.8285

■ 37.4970, 46.9280,
33.4677

■ 15.4151, 10.0042,
27.5045

■ 41.4499, 53.9110,
34.6072

■ 14.2547, 8.3729,
27.2508

■ 45.7374, 61.5389,
35.8536

■ 13.3012, 7.1333,
27.0618

■ 50.3678, 69.8280,
37.2095

■ 12.5353, 6.2468,
26.9311

■ 55.3490, 78.7940,
38.6776

■ 11.9272, 5.6542,
26.8487

■ 57.5479, 82.1705,
39.2134

Harmonies

Analogous

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



24.2695, 25.0923, 31.0813



24.8533, 25.0923, 29.9190



25.1704, 25.0923, 28.0926

Triad

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



24.8533, 25.0923, 29.9190



24.1173, 25.0923, 23.7718



22.6145, 25.0923, 28.5346

Complementary

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



24.8533, 25.0923, 29.9190



24.6640, 27.0149, 26.8374

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.



22.5756, 25.0923, 26.5641



24.8533, 25.0923, 29.9190



23.4344, 25.0923, 23.8773

Square

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



24.8533, 25.0923, 29.9190



24.7401, 25.0923, 24.5828



22.8731, 25.0923, 24.8784



22.9805, 25.0923, 30.2559

Rectangle

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



24.8533, 25.0923, 29.9190



25.1839, 25.0923, 26.7724



22.8731, 25.0923, 24.8784



22.5630, 25.0923, 27.8776

Sweetspot

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



24.8540, 25.0934, 29.9195



45.7799, 47.5370, 53.3007



23.9866, 25.0854, 29.9637



10.5125, 10.9252, 12.2269



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.



24.8540, 25.0934, 29.9195



43.4341, 43.5829, 52.6611



25.0188, 25.1993, 28.9800



5.6154, 5.6271, 6.8189



10.2218, 4.7631, 23.3577



0.1164, 0.0552, 0.2242

Inverse Universe

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



24.6818, 25.0645, 27.2053



43.0907, 43.5261, 47.2130



24.5099, 26.9157, 27.7221



5.5699, 5.6196, 6.0947



10.2507, 5.2573, 1.7058



0.1051, 0.0531, 0.0535

Previews

White Background



This preview shows how the XYZ color 24.8533, 25.0923, 29.9190 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 24.8533, 25.0923, 29.9190 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 24.8533, 25.0923, 29.9190

Background



This preview shows how black text looks on a background with the XYZ color 24.8533, 25.0923, 29.9190.



This preview shows how white text looks on a background with the XYZ color 24.8533, 25.0923,

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

24.8533, 25.0923, 29.9190

Protanopia

24.2315, 24.9710, 30.3308

Deuteranopia

25.4542, 24.9917, 29.8679



Tritanopia

24.9301, 25.1231, 30.3233

Trichromacy



Original Color

24.8533, 25.0923, 29.9190

Protanomaly

24.5625, 25.1416, 30.3463

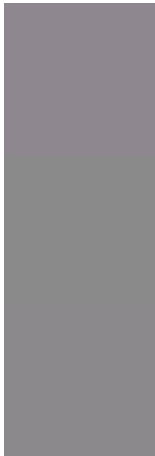
Deuteranomaly

25.2362, 25.0836, 29.8971

Tritanomaly

24.9301, 25.1231, 30.3233

Monochromacy



Original Color

24.8533, 25.0923, 29.9190

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.3267, 25.2737, 28.4071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8533, 25.0923, 29.9190 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(142, 135, 144)` looks like.

```
.text, #text, p{  
    color:rgb(142, 135, 144)  
}
```

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(142, 135, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 135, 144) }
```

Border

The CSS property to change the border of an element to XYZ 24.8533, 25.0923, 29.9190 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(142, 135, 144) }
```


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

```
.border{ border-color:rgb(142, 135, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 135, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 135, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 135, 144);  
box-shadow:4px 4px 4px 4px rgb(142, 135,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8533, 25.0923, 29.9190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 135, 144) }
```

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

```
.background{ background-color: rgb(142,  
135, 144) }
```

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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