

Converting Colors

XYZ(23.9649, 24.8560, 30.0003)

Have a look what the booklet for
XYZ(23.9649, 24.8560, 30.0003)
contains.

XYZ(23.9915, 24.8562, 29.9188)	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(23.9915, 24.8562,
29.9188)**

Conversions

Conversions Part 1

Format	Color
Hex	888890
RGB	136, 136, 144
RGB Percent	53%, 53%, 56%
CMY	0.4667, 0.4667, 0.4353
CMYK	0.06, 0.06, 0.00, 0.44
HSL	240°, 3%, 55%
HSV	240°, 6%, 56%
XYZ	23.9915, 24.8562, 29.9188
YIQ	136.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

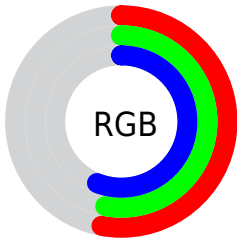
Format	Color
R_{YB}	136, 136, 144
Decimal	8947856
CIE _{Lab}	56.94, 1.62, -4.27
CIE _{LCh}	57, 4.570, 290.722
Yxy	24.8562, 0.3046, 0.3156
Android (android.graphics.Color)	4287137936 (0xFF888890)
YUV	136.9120, 3.4944, -0.7998
Hunter-Lab	49.8560, -1.3509, -0.6810

Details

The XYZ color **23.9915, 24.8562, 29.9188** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9187, 27.6529, 27.2643**, and the grayscale version is **23.7331, 24.9691, 27.1913**.

A 20% lighter version of the original color is **49.3769, 51.2912, 60.7238**, and **9.1859, 9.4422, 11.9280** is the 20% darker color. If you saturate the color by 10%, you get **19.9153, 19.9453, 29.1861**, and if you desaturate by 10%, it is **28.6557, 30.4758, 30.7580**.

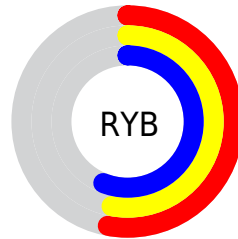
Distribution



Red (53%)

Green (53%)

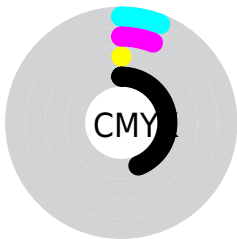
Blue (56%)



Red (53%)

Yellow (53%)

Blue (56%)

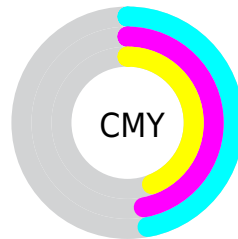


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (44%)



Cyan (47%)

Magenta (47%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9915, 24.8562, 29.9188 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 23.9915, 24.8562, 29.9188 by changing the saturation by 10% instead.

■ 23.9915, 24.8562,
29.9188

■ 23.9915, 24.8562,
29.9188

265.2188,
277.1211, 315.7213

■ 15.4520, 15.9700,
19.5254

■ 49.4711, 51.4238,
60.5932

■ 9.2256, 9.5029,
11.8699

■ 67.1419, 69.8740,
81.7114

■ 4.9469, 5.0706,
6.5337

■ 88.5873, 92.2810,
107.2415

■ 2.2506, 2.2888,
3.0982

114.1724,
119.0291, 137.6022

■ 0.7692, 0.7678,
1.1450

144.2628,
150.5028, 173.2120

■ 0.0000, 0.0000,
0.0000

179.2238,

187.0864, 214.4894

219.4206,
229.1643, 261.8530

■ 23.9915, 24.8562,
29.9188

■ 23.9915, 24.8562,
29.9188

■ 19.9153, 19.9453,
29.1861

■ 28.6557, 30.4758,
30.7580

■ 16.4017, 15.7119,
28.5542

■ 33.9277, 36.8274,
31.7062

■ 13.4266, 12.1273,
28.0191

■ 39.8289, 43.9370,
32.7674

■ 10.9635, 9.1595,
27.5761

■ 46.3791, 51.8285,
33.9454

■ 8.9835, 6.7737,
27.2199

■ 53.5974, 60.5248,
35.2435

■ 7.4549, 4.9317,
26.9449

■ 61.5018, 70.0476,
36.6650

■ 6.3421, 3.5907,
26.7447

■ 70.1099, 80.4180,
38.2130

■ 5.6045, 2.7015,
26.6120

■ 79.4384, 91.6564,
39.8905

■ 5.1842, 2.1949,
26.5364

■ 82.0341, 94.7936,
40.3593

Harmonies

Analogous

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



23.4594, 24.8562, 30.0819



23.9915, 24.8562, 29.9188



24.4316, 24.8562, 28.9755

Triad

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



23.9915, 24.8562, 29.9188



24.2833, 24.8562, 24.8438



22.6228, 24.8562, 26.5912

Complementary

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



23.9915, 24.8562, 29.9188



25.9187, 27.6529, 27.2643

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.



22.8365, 24.8562, 25.2388



23.9915, 24.8562, 29.9188



23.7916, 24.8562, 24.2553

Square

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



23.9915, 24.8562, 29.9188



24.6019, 24.8562, 26.0335



23.2624, 24.8562, 24.3972



22.6745, 24.8562, 28.1217

Rectangle

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



23.9915, 24.8562, 29.9188



24.6110, 24.8562, 28.0501



23.2624, 24.8562, 24.3972



22.6658, 24.8562, 26.1017

Sweetspot

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



23.9922, 24.8573, 29.9193



45.0871, 47.1803, 53.2684



25.1508, 27.1907, 30.2553



10.3636, 10.8486, 12.2200



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.



23.9922, 24.8573, 29.9193



41.1063, 42.3842, 52.5525



24.6313, 25.1861, 29.9491



5.3062, 5.4678, 6.8045



4.3843, 1.7546, 23.0847



0.0419, 0.0168, 0.2207

Inverse Universe

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



24.7502, 25.3156, 26.8758



42.8075, 43.4128, 45.7215



25.2552, 27.3115, 27.2334



5.5323, 5.6045, 5.8967



10.0161, 5.1635, 0.4701



0.0958, 0.0494, 0.0046

Previews

White Background



This preview shows how the XYZ color 23.9915, 24.8562, 29.9188 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 23.9915, 24.8562, 29.9188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

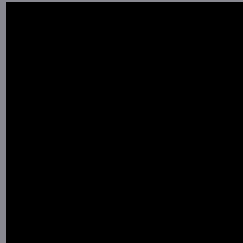
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.9915, 24.8562, 29.9188

Background



This preview shows how black text looks on a background with the XYZ color 23.9915, 24.8562, 29.9188.



This preview shows how white text looks on a background with the XYZ color 23.9915, 24.8562,

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

23.9915, 24.8562, 29.9188

Protanopia

24.1547, 24.9403, 29.9264

Deuteranopia

25.3524, 24.9304, 30.2639



Tritanopia

24.1458, 24.9179, 30.7311

Trichromacy



Original Color

23.9915, 24.8562, 29.9188

Protanomaly

24.1547, 24.9403, 29.9264

Deuteranomaly

24.7913, 24.8453, 30.2770

Tritanomaly

24.0683, 24.8869, 30.3232

Monochromacy



Original Color

23.9915, 24.8562, 29.9188

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.9958, 25.1031, 28.3916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9915, 24.8562, 29.9188 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(136, 136, 144) looks like.

```
.text, #text, p{  
    color:rgb(136, 136, 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(136, 136, 144) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 23.9915, 24.8562, 29.9188 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(136, 136, 144) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 23.9915, 24.8562, 29.9188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(136,  
136, 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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