

Converting Colors

XYZ(23.6299, 23.4424, 25.1125)

Have a look what the booklet for
XYZ(23.6299, 23.4424, 25.1125)
contains.

XYZ(23.5167, 23.2957, 25.0869)	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(23.5167, 23.2957,
25.0869)**

Conversions

Conversions Part 1

Format	Color
Hex	908184
RGB	144, 129, 132
RGB Percent	56%, 51%, 52%
CMY	0.4353, 0.4941, 0.4823
CMYK	0.00, 0.10, 0.08, 0.44
HSL	348°, 6%, 54%
HSV	348°, 10%, 56%
XYZ	23.5167, 23.2957, 25.0869
YIQ	133.8270, 7.9770, 4.1130

Conversions

Conversions Part 2

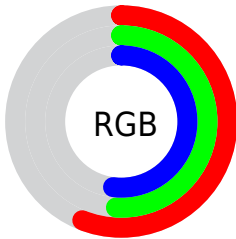
Format	Color
R_{YB}	144, 129, 132
Decimal	9470340
CIE Lab	55.38, 6.24, 0.45
CIE LCh	55, 6.257, 4.138
Yxy	23.2957, 0.3271, 0.3240
Android (android.graphics.Color)	4287660420 (0xFF908184)
YUV	133.8270, -0.9007, 8.9217
Hunter-Lab	48.2656, 2.5066, 2.9689

Details

The XYZ color **23.5167, 23.2957, 25.0869** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.8351, 26.5373, 29.0664**, and the grayscale version is **22.5981, 23.7750, 25.8910**.

A 20% lighter version of the original color is **48.7736, 48.9644, 52.7794**, and **9.0461, 8.7415, 9.3941** is the 20% darker color. If you saturate the color by 10%, you get **21.0067, 19.4683, 20.5728**, and if you desaturate by 10%, it is **26.3825, 27.6947, 30.1498**.

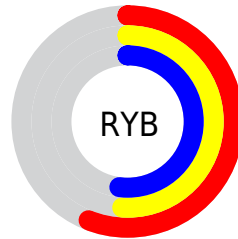
Distribution



Red (56%)

Green (51%)

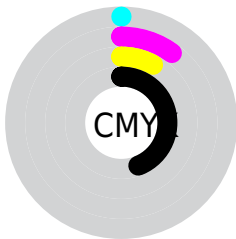
Blue (52%)



Red (56%)

Yellow (51%)

Blue (52%)

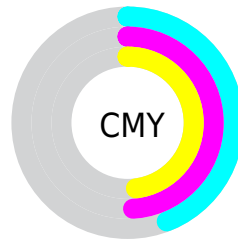


Cyan (0%)

Magenta (10%)

Yellow (8%)

Black (44%)



Cyan (44%)

Magenta (49%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5167, 23.2957, 25.0869 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 23.5167, 23.2957, 25.0869 by changing the saturation by 10% instead.

■ 23.5167, 23.2957,
25.0869

■ 23.5167, 23.2957,
25.0869

262.8539,
269.2402, 291.7319

■ 15.0983, 14.8120,
15.9222

■ 48.7008, 48.8784,
52.7640

■ 8.9752, 8.6876,
9.3154

■ 66.1972, 66.7462,
72.1135

■ 4.7820, 4.5379,
4.8478

■ 87.4503, 88.5108,
95.6951

■ 2.1533, 1.9788,
2.1011

112.8255,
114.5567, 123.9272

■ 0.7180, 0.5951,
0.6164

142.6881,
145.2681, 157.2284

■ 0.0000, 0.0000,
0.0000

177.4035,

181.0296, 196.0172

217.3370,
222.2255, 240.7122

■ 23.5167, 23.2957,
25.0869

■ 23.5167, 23.2957,
25.0869

■ 21.0067, 19.4683,
20.5728

■ 26.3825, 27.6947,
30.1498

■ 18.8364, 16.1859,
16.5874

■ 29.6152, 32.6841,
35.7777

■ 16.9919, 13.4248,
13.1118

■ 33.2280, 38.2860,
41.9880

■ 15.4569, 11.1578,
10.1250

■ 37.2328, 44.5199,
48.7967

■ 14.2143, 9.3556,
7.6047

■ 41.6409, 51.4050,
56.2193

■ 13.2448, 7.9858,
5.5270

■ 46.4632, 58.9594,
64.2709

■ 12.5271, 7.0116,
3.8656

■ 51.7102, 67.2004,
72.9658

■ 12.0362, 6.3902,
2.5912

■ 57.3921, 76.1448,
82.3180

■ 11.7208, 6.0170,
1.6920

■ 62.3580, 83.4879,
91.9542

Harmonies

Analogous

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



23.3798, 23.2957, 27.0903



23.5167, 23.2957, 25.0869



23.2789, 23.2957, 23.2553

Triad

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



23.5167, 23.2957, 25.0869



21.3924, 23.2957, 22.2958



21.5578, 23.2957, 29.0080

Complementary

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



23.5167, 23.2957, 25.0869



23.8351, 26.5373, 29.0664

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.



21.0425, 23.2957, 27.5987



23.5167, 23.2957, 25.0869



20.9484, 23.2957, 23.7147

Square

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



23.5167, 23.2957, 25.0869



22.0445, 23.2957, 21.6988



20.8217, 23.2957, 25.6453



22.2395, 23.2957, 29.4227

Rectangle

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



23.5167, 23.2957, 25.0869



22.9427, 23.2957, 22.3571



20.8217, 23.2957, 25.6453



21.3599, 23.2957, 28.6314

Sweetspot

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



23.5174, 23.2967, 25.0874



45.1325, 46.6935, 50.7177



23.8695, 23.3779, 29.6402



10.2596, 10.5692, 11.4717



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.



23.5174, 23.2967, 25.0874



40.6217, 39.7791, 42.7184



23.9209, 24.4274, 24.2242



5.4502, 5.4406, 5.8689



10.2138, 5.2425, 1.5114



0.1041, 0.0527, 0.0486

Inverse Universe

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



23.5174, 23.2967, 25.0874



40.6217, 39.7791, 42.7184



23.3933, 25.2918, 30.0347



5.4502, 5.4406, 5.8689



10.2138, 5.2425, 1.5114



0.1041, 0.0527, 0.0486

Previews

White Background



This preview shows how the XYZ color 23.5167, 23.2957, 25.0869 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 23.5167, 23.2957, 25.0869 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

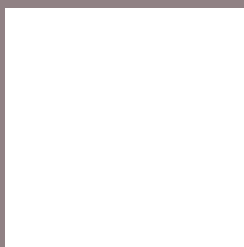
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5167, 23.2957, 25.0869

Background



This preview shows how black text looks on a background with the XYZ color 23.5167, 23.2957, 25.0869.



This preview shows how white text looks on a background with the XYZ color 23.5167, 23.2957,

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

23.5167, 23.2957, 25.0869

Protanopia

22.5460, 23.3747, 25.8777

Deuteranopia

23.7381, 23.2153, 25.0597



Tritanopia

23.9837, 23.2931, 27.2767

Trichromacy



Original Color

23.5167, 23.2957, 25.0869

Protanomaly

22.8312, 23.3293, 25.4900

Deuteranomaly

23.5611, 23.1240, 25.0514

Tritanomaly

23.8402, 23.2357, 26.5210

Monochromacy



Original Color

23.5167, 23.2957, 25.0869

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.9661, 23.5993, 25.5350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5167, 23.2957, 25.0869 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(144, 129, 132) looks like.

```
.text, #text, p{  
    color:rgb(144, 129, 132)  
}
```

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(144, 129, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 129, 132) }
```

Border

The CSS property to change the border of an element to XYZ 23.5167, 23.2957, 25.0869 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(144, 129, 132) }
```


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

```
.border{ border-color:rgb(144, 129, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 129, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 129, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 129, 132);  
box-shadow:4px 4px 4px 4px rgb(144, 129,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5167, 23.2957, 25.0869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 129, 132) }
```

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

```
.background{ background-color: rgb(144,  
129, 132) }
```

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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