

Converting Colors

XYZ(23.4104, 23.7334, 26.5422)

Have a look what the booklet for
XYZ(23.4104, 23.7334, 26.5422)
contains.

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Color

**XYZ(23.5104, 23.8556,
26.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8488
RGB	140, 132, 136
RGB Percent	55%, 52%, 53%
CMY	0.4510, 0.4823, 0.4667
CMYK	0.00, 0.06, 0.03, 0.45
HSL	330°, 3%, 53%
HSV	330°, 6%, 55%
XYZ	23.5104, 23.8556, 26.6580
YIQ	134.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

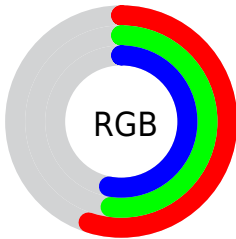
Format	Color
RYB	140, 132, 136
Decimal	9208968
CIELab	55.94, 3.77, -1.08
CIELCh	56, 3.918, 344.026
Yxy	23.8556, 0.3176, 0.3223
Android (android.graphics.Color)	4287399048 (0xFF8C8488)
YUV	134.8480, 0.5679, 4.5183
Hunter-Lab	48.8422, 0.4479, 1.8291

Details

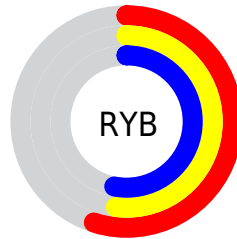
The XYZ color **23.5104, 23.8556, 26.6580** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.3386, 25.4398, 26.9741**, and the grayscale version is **22.9704, 24.1667, 26.3175**.

A 20% lighter version of the original color is **48.7824, 49.8414, 55.1934**, and **8.9894, 9.0321, 10.0737** is the 20% darker color. If you saturate the color by 10%, you get **21.2565, 20.1182, 23.5313**, and if you desaturate by 10%, it is **26.0529, 28.1177, 30.0419**.

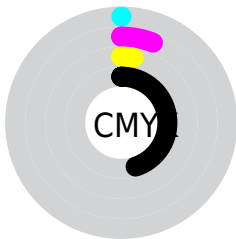
Distribution



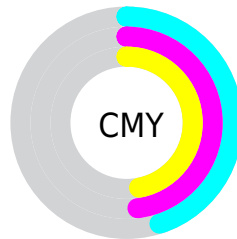
- Red (55%)
- Green (52%)
- Blue (53%)



- Red (55%)
- Yellow (52%)
- Blue (53%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (45%)



- Cyan (45%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5104, 23.8556, 26.6580 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 23.5104, 23.8556, 26.6580 by changing the saturation by 10% instead.

■ 23.5104, 23.8556,
26.6580

■ 23.5104, 23.8556,
26.6580

262.8224,
272.0896, 299.7050

■ 15.0936, 15.2265,
17.0864

■ 48.6906, 49.7945,
55.3316

■ 8.9718, 8.9785,
10.1335

■ 66.1846, 67.8730,
75.2707

■ 4.7798, 4.7272,
5.3808

■ 87.4352, 89.8703,
99.5027

■ 2.1521, 2.0881,
2.4098

112.8076,
116.1705, 128.4461

■ 0.7173, 0.6579,
0.7917

142.6671,
147.1582, 162.5195

■ 0.0000, 0.0000,
0.0000

177.3792,

183.2176, 202.1414

217.3092,
224.7333, 247.7304

■ 23.5104, 23.8556,
26.6580

■ 23.5104, 23.8556,
26.6580

■ 21.2565, 20.1182,
23.5313

■ 26.0529, 28.1177,
30.0419

■ 19.2786, 16.8819,
20.6537

■ 28.8922, 32.9206,
33.6879

■ 17.5660, 14.1261,
18.0187

■ 32.0386, 38.2837,
37.6025

■ 16.1064, 11.8274,
15.6192

■ 35.5011, 44.2243,
41.7915

■ 14.8866, 9.9605,
13.4473

■ 39.2886, 50.7592,
46.2607

■ 13.8922, 8.4976,
11.4948

■ 43.4095, 57.9042,
51.0155

■ 13.1071, 7.4076,
9.7528

■ 47.8719, 65.6749,
56.0613

■ 12.5129, 6.6549,
8.2112

■ 52.6837, 74.0860,
61.4031

■ 12.0825, 6.1866,
6.8574

■ 56.8865, 81.2200,
66.7241

Harmonies

Analogous

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



23.2766, 23.8556, 27.7851



23.5104, 23.8556, 26.6580



23.5181, 23.8556, 25.3827

Triad

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



23.5104, 23.8556, 26.6580



22.4664, 23.8556, 23.6590



22.0616, 23.8556, 27.7232

Complementary

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



23.5104, 23.8556, 26.6580



23.3386, 25.4398, 26.9741

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.



21.8504, 23.8556, 26.5758



23.5104, 23.8556, 26.6580



22.0819, 23.8556, 24.2447

Square

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



23.5104, 23.8556, 26.6580



22.9114, 23.8556, 23.6794



21.8577, 23.8556, 25.3032



22.4383, 23.8556, 28.4137

Rectangle

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



23.5104, 23.8556, 26.6580



23.3938, 23.8556, 24.6215



21.8577, 23.8556, 25.3032



21.9691, 23.8556, 27.3765

Sweetspot

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



23.5111, 23.8566, 26.6585



43.0357, 44.7082, 49.1360



23.1391, 23.6314, 28.1529



9.9300, 10.3246, 11.3403



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.



23.5111, 23.8566, 26.6585



40.8496, 41.0581, 46.1809



23.2322, 23.7451, 25.1899



5.2263, 5.2472, 5.9063



10.6015, 5.3507, 5.6716



0.0778, 0.0385, 0.0765

Inverse Universe

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



23.5111, 23.8566, 26.6585



40.8496, 41.0581, 46.1809



23.6281, 25.5556, 28.4986



5.2263, 5.2472, 5.9063



10.6015, 5.3507, 5.6716



0.0778, 0.0385, 0.0765

Previews

White Background



This preview shows how the XYZ color 23.5104, 23.8556, 26.6580 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 23.5104, 23.8556, 26.6580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

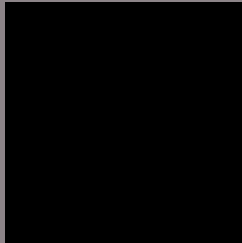
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.5104, 23.8556, 26.6580

Background



This preview shows how black text looks on a background with the XYZ color 23.5104, 23.8556, 26.6580.



This preview shows how white text looks on a background with the XYZ color 23.5104, 23.8556,

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

23.5104, 23.8556, 26.6580

Protanopia

23.0562, 23.8154, 27.0486

Deuteranopia

24.2806, 23.8538, 26.6171



Tritanopia

23.9085, 23.8184, 28.5366

Trichromacy



Original Color

23.5104, 23.8556, 26.6580

Protanomaly

23.2194, 23.8996, 27.0562

Deuteranomaly

24.0618, 23.9395, 26.6451

Tritanomaly

23.7610, 23.7594, 27.7598

Monochromacy



Original Color

23.5104, 23.8556, 26.6580

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.2148, 24.1178, 26.3533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5104, 23.8556, 26.6580 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(140, 132, 136)` looks like.

```
.text, #text, p{  
    color:rgb(140, 132, 136)  
}
```

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(140, 132, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 132, 136) }
```

Border

The CSS property to change the border of an element to XYZ 23.5104, 23.8556, 26.6580 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(140, 132, 136) }
```


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

```
.border{ border-color:rgb(140, 132, 136) }
```

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

Here you see how a box with a 4 pixel rgb(140, 132, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 132, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 132, 136);  
box-shadow:4px 4px 4px 4px rgb(140, 132,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5104, 23.8556, 26.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 132, 136) }
```

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

```
.background{ background-color: rgb(140,  
132, 136) }
```

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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