

Converting Colors

XYZ(23.7329, 23.8328, 28.7208)

Have a look what the booklet for
XYZ(23.7329, 23.8328, 28.7208)
contains.

XYZ(23.7064, 23.9146, 28.5658)	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(23.7064, 23.9146,
28.5658)**

Conversions

Conversions Part 1

Format	Color
Hex	8B848D
RGB	139, 132, 141
RGB Percent	55%, 52%, 55%
CMY	0.4549, 0.4823, 0.4471
CMYK	0.01, 0.06, 0.00, 0.45
HSL	287°, 4%, 54%
HSV	287°, 6%, 55%
XYZ	23.7064, 23.9146, 28.5658
YIQ	135.1190, 1.2830, 4.2830

Conversions

Conversions Part 2

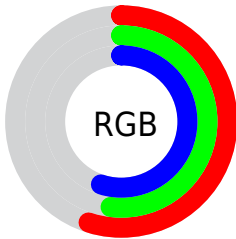
Format	Color
R_{YB}	139, 132, 141
Decimal	9143437
CIE Lab	56.00, 4.38, -3.89
CIE LCh	56, 5.861, 318.382
Yxy	23.9146, 0.3112, 0.3139
Android (android.graphics.Color)	4287333517 (0xFF8B848D)
YUV	135.1190, 2.8993, 3.4036
Hunter-Lab	48.9026, 0.9516, -0.4017

Details

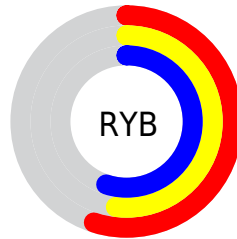
The XYZ color **23.7064, 23.9146, 28.5658** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5222, 25.7847, 25.5683**, and the grayscale version is **23.0631, 24.2642, 26.4237**.

A 20% lighter version of the original color is **48.9375, 49.8445, 58.6714**, and **9.1014, 9.0657, 11.1677** is the 20% darker color. If you saturate the color by 10%, you get **21.4064, 20.0803, 27.9473**, and if you desaturate by 10%, it is **26.2812, 28.2756, 29.2722**.

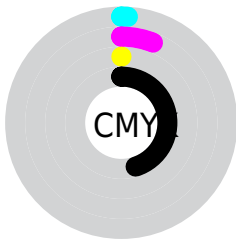
Distribution



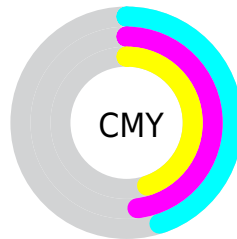
- Red (55%)
- Green (52%)
- Blue (55%)



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



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7064, 23.9146, 28.5658 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 23.7064, 23.9146, 28.5658 by changing the saturation by 10% instead.

■ 23.7064, 23.9146,
28.5658

■ 23.7064, 23.9146,
28.5658

263.8009,
272.3884, 309.1573

■ 15.2395, 15.2703,
18.5099

■ 49.0088, 49.8908,
58.4204

■ 9.0751, 9.0093,
11.1434

■ 66.5751, 67.9915,
79.0562

■ 4.8477, 4.7472,
6.0480

■ 87.9052, 90.0131,
104.0557

■ 2.1920, 2.0997,
2.8050

113.3645,
116.3400, 133.8374

■ 0.7385, 0.6645,
0.9960

143.3184,
147.3565, 168.8199

■ 0.0000, 0.0000,
0.0000

178.1322,

183.4472, 209.4216

218.1712,
224.9964, 256.0613

■ 23.7064, 23.9146,
28.5658

■ 23.7064, 23.9146,
28.5658

■ 21.4064, 20.0803,
27.9473

■ 26.2812, 28.2756,
29.2722

■ 19.3688, 16.7489,
27.4117

■ 29.1386, 33.1797,
30.0682

■ 17.5831, 13.8995,
26.9558

■ 32.2887, 38.6465,
30.9574

■ 16.0374, 11.5083,
26.5757

■ 35.7403, 44.6934,
31.9426

■ 14.7188, 9.5497,
26.2672

■ 39.5019, 51.3374,
33.0268

■ 13.6129, 7.9954,
26.0254

■ 43.5817, 58.5947,
34.2126

■ 12.7040, 6.8136,
25.8452

■ 47.9875, 66.4807,
35.5025

■ 11.9735, 5.9680,
25.7205

■ 52.7270, 75.0104,
36.8991

■ 11.3921, 5.3997,
25.6415

■ 56.5492, 81.6818,
37.9854

Harmonies

Analogous

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



23.1386, 23.9146, 29.6976



23.7064, 23.9146, 28.5658



24.0149, 23.9146, 26.7887

Triad

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



23.7064, 23.9146, 28.5658



22.9904, 23.9146, 22.5912



21.5299, 23.9146, 27.2193

Complementary

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



23.7064, 23.9146, 28.5658



23.5222, 25.7847, 25.5683

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.



21.4920, 23.9146, 25.3033



23.7064, 23.9146, 28.5658



22.3265, 23.9146, 22.6938

Square

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



23.7064, 23.9146, 28.5658



23.5961, 23.9146, 23.3782



21.7810, 23.9146, 23.6657



21.8856, 23.9146, 28.8943

Rectangle

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



23.7064, 23.9146, 28.5658



24.0280, 23.9146, 25.5051



21.7810, 23.9146, 23.6657



21.4799, 23.9146, 26.5802

Sweetspot

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



23.7071, 23.9156, 28.5663



44.3936, 46.0982, 51.6859



22.8634, 23.9076, 28.6092



9.9293, 10.3196, 11.5480



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.



23.7071, 23.9156, 28.5663



41.6818, 41.5306, 50.9472



23.8675, 24.0187, 27.6519



5.5106, 5.4514, 6.7906



10.2216, 4.7630, 23.3577



0.1164, 0.0552, 0.2242

Inverse Universe

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



23.5397, 23.8876, 25.9258



41.3065, 41.4696, 44.9465



23.3725, 25.6883, 26.4283



5.4549, 5.4425, 5.8937



10.2508, 5.2573, 1.7059



0.1051, 0.0531, 0.0535

Previews

White Background



This preview shows how the XYZ color 23.7064, 23.9146, 28.5658 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 23.7064, 23.9146, 28.5658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

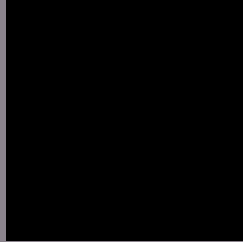
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.7064, 23.9146, 28.5658

Background



This preview shows how black text looks on a background with the XYZ color 23.7064, 23.9146, 28.5658.



This preview shows how white text looks on a background with the XYZ color 23.7064, 23.9146,

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

23.7064, 23.9146, 28.5658

Protanopia

23.1015, 23.7964, 28.9668

Deuteranopia

24.2919, 23.8176, 28.5162



Tritanopia

23.7812, 23.9445, 28.9595

Trichromacy



Original Color

23.7064, 23.9146, 28.5658

Protanomaly

23.4234, 23.9623, 28.9818

Deuteranomaly

24.0793, 23.9065, 28.5446

Tritanomaly

23.7812, 23.9445, 28.9595

Monochromacy



Original Color

23.7064, 23.9146, 28.5658

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.1938, 24.0906, 27.0944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7064, 23.9146, 28.5658 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(139, 132, 141)` looks like.

```
.text, #text, p{  
    color:rgb(139, 132, 141)  
}
```

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(139, 132, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 132, 141) }
```

Border

The CSS property to change the border of an element to XYZ 23.7064, 23.9146, 28.5658 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(139, 132, 141) }
```


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

```
.border{ border-color:rgb(139, 132, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 132, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 132, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 132, 141);  
box-shadow:4px 4px 4px 4px rgb(139, 132,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7064, 23.9146, 28.5658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 132, 141) }
```

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

```
.background{ background-color: rgb(139,  
132, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor