

Converting Colors

XYZ(22.4136, 23.6349, 20.2103)

Have a look what the booklet for
XYZ(22.4136, 23.6349, 20.2103)
contains.

XYZ(22.4136, 23.6349, 20.2103)	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(22.4136, 23.6349,
20.2103)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8575
RGB	140, 133, 117
RGB Percent	55%, 52%, 46%
CMY	0.4510, 0.4784, 0.5412
CMYK	0.00, 0.05, 0.16, 0.45
HSL	42°, 9%, 50%
HSV	42°, 16%, 55%
XYZ	22.4136, 23.6349, 20.2103
YIQ	133.2690, 9.3080, -3.4920

Conversions

Conversions Part 2

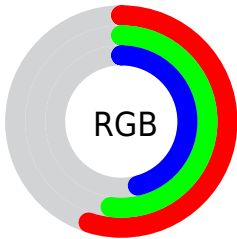
Format	Color
R_{YB}	127, 140, 117
Decimal	9209205
CIE Lab	55.72, -0.23, 9.57
CIE LCh	56, 9.572, 91.392
Yxy	23.6349, 0.3383, 0.3567
Android (android.graphics.Color)	4287399285 (0xFF8C8575)
YUV	133.2690, -8.0206, 5.9031
Hunter-Lab	48.6157, -2.7826, 9.3833

Details

The XYZ color **22.4136, 23.6349, 20.2103** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.2772, 20.0901, 27.6727**, and the grayscale version is **22.4188, 23.5864, 25.6856**.

A 20% lighter version of the original color is **46.9685, 49.4517, 44.6057**, and **8.4610, 8.9440, 6.9106** is the 20% darker color. If you saturate the color by 10%, you get **21.0802, 22.1882, 16.0040**, and if you desaturate by 10%, it is **23.8951, 25.1803, 25.0740**.

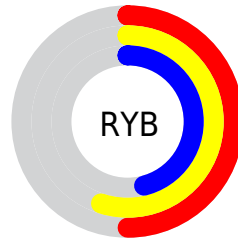
Distribution



Red (55%)

Green (52%)

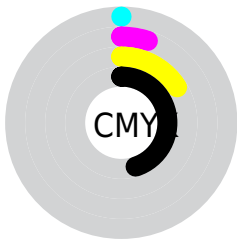
Blue (46%)



Red (50%)

Yellow (55%)

Blue (46%)

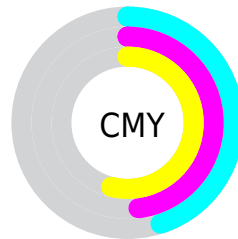


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (45%)



Cyan (45%)

Magenta (48%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4136, 23.6349, 20.2103 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 22.4136, 23.6349, 20.2103 by changing the saturation by 10% instead.

■ 22.4136, 23.6349,
20.2103

■ 22.4136, 23.6349,
20.2103

257.2906,
270.9694, 265.6931

■ 14.2794, 15.0630,
12.3624

■ 46.9024, 49.4338,
44.6331

■ 8.3983, 8.8636,
6.8655

■ 63.9878, 67.4295,
62.0451

■ 4.4048, 4.6523,
3.3009

■ 84.7876, 89.3353,
83.4821

■ 1.9336, 2.0448,
1.2503

109.6672,
115.5356, 109.3629

■ 0.5962, 0.6333,
0.0205

138.9919,
146.4148, 140.1058

■ 0.0000, 0.0000,
0.0000

173.1272,

182.3572, 176.1295

212.4383,
223.7473, 217.8524

■ 22.4136, 23.6349,
20.2103

■ 22.4136, 23.6349,
20.2103

■ 21.0802, 22.1882,
16.0040

■ 23.8951, 25.1803,
25.0740

■ 19.8872, 20.8343,
12.4247

■ 25.5281, 26.8237,
30.6205

■ 18.8291, 19.5712,
9.4420

■ 27.3184, 28.5687,
36.8759

■ 17.8994, 18.3960,
7.0224

■ 29.2707, 30.4177,
43.8642

■ 17.0906, 17.3052,
5.1289

■ 31.3898, 32.3729,
51.6085

■ 16.3946, 16.2950,
3.7201

■ 33.6800, 34.4365,
60.1308

■ 15.8022, 15.3613,
2.7483

■ 36.1455, 36.6106,
69.4522

■ 15.2982, 14.4976,
2.1356

■ 38.7905, 38.8972,
79.5930

■ 15.1281, 14.2013,
1.9438

■ 41.6189, 41.2982,
90.5727

Harmonies

Analogous

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



23.4783, 23.6349, 20.8362



22.4136, 23.6349, 20.2103



21.3947, 23.6349, 20.9626

Triad

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



22.4136, 23.6349, 20.2103



20.7296, 23.6349, 28.9746



24.3465, 23.6349, 28.7033

Complementary

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



22.4136, 23.6349, 20.2103



19.2772, 20.0901, 27.6727

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.



23.5689, 23.6349, 31.1804



22.4136, 23.6349, 20.2103



21.4798, 23.6349, 31.3457

Square

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



22.4136, 23.6349, 20.2103



20.4420, 23.6349, 25.8799



22.5150, 23.6349, 32.1832



24.6156, 23.6349, 25.5895

Rectangle

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



22.4136, 23.6349, 20.2103



20.8727, 23.6349, 22.1825



22.5150, 23.6349, 32.1832



24.1347, 23.6349, 29.6465

Sweetspot

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



22.4142, 23.6359, 20.2108



42.4933, 44.7671, 45.4297



20.8327, 19.7607, 21.8793



9.7519, 10.2750, 10.3352



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.



22.4142, 23.6359, 20.2108



38.5476, 40.6318, 32.5345



22.7073, 25.2567, 20.5082



5.3048, 5.5925, 5.3523



13.4598, 12.6541, 1.7331



0.1024, 0.1099, 0.0158

Inverse Universe

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



19.2772, 20.0901, 27.6727



31.8586, 33.0717, 48.4473



19.0107, 18.6970, 27.4179



4.8907, 5.1243, 6.3372



4.9762, 3.2228, 22.4055



0.0448, 0.0449, 0.1527

Previews

White Background



This preview shows how the XYZ color 22.4136, 23.6349, 20.2103 looks on a white background.

Color Contrast Check

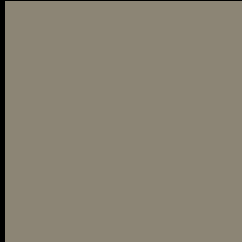
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4136, 23.6349, 20.2103 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 22.4136, 23.6349, 20.2103

Background



This preview shows how black text looks on a background with the XYZ color 22.4136, 23.6349, 20.2103.



This preview shows how white text looks on a background with the XYZ color 22.4136, 23.6349,

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

22.4136, 23.6349, 20.2103

Protanopia

22.4136, 23.6349, 20.2103

Deuteranopia

24.0692, 23.6839, 20.4424



Tritanopia

24.0439, 23.6984, 28.1179

Trichromacy



Original Color

22.4136, 23.6349, 20.2103

Protanomaly

22.4136, 23.6349, 20.2103

Deuteranomaly

23.4654, 23.5692, 20.4521

Tritanomaly

23.4365, 23.6493, 25.1593

Monochromacy



Original Color

22.4136, 23.6349, 20.2103

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.3716, 23.5416, 23.4435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4136, 23.6349, 20.2103 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, 133, 117)` looks like.

```
.text, #text, p{  
    color:rgb(140, 133, 117)  
}
```

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, 133, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 133, 117) }
```

Border

The CSS property to change the border of an element to XYZ 22.4136, 23.6349, 20.2103 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, 133, 117) }
```


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

```
.border{ border-color:rgb(140, 133, 117) }
```

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

Here you see how a box with a 4 pixel rgb(140, 133, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 133, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 133, 117);  
box-shadow:4px 4px 4px 4px rgb(140, 133,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4136, 23.6349, 20.2103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 133, 117) }
```

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

```
.background{ background-color: rgb(140,  
133, 117) }
```

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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