

Converting Colors

XYZ(23.0210, 24.8704, 16.1575)

Have a look what the booklet for
XYZ(23.0210, 24.8704, 16.1575)
contains.

XYZ(23.0210, 24.8704, 16.1575)	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(23.0210, 24.8704,
16.1575)**

Conversions

Conversions Part 1

Format	Color
Hex	918966
RGB	145, 137, 102
RGB Percent	57%, 54%, 40%
CMY	0.4314, 0.4627, 0.6000
CMYK	0.00, 0.06, 0.30, 0.43
HSL	49°, 17%, 48%
HSV	49°, 30%, 57%
XYZ	23.0210, 24.8704, 16.1575
YIQ	135.4020, 16.0030, -9.1890

Conversions

Conversions Part 2

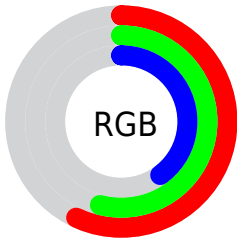
Format	Color
R_{YB}	112, 145, 102
Decimal	9537894
CIE _{Lab}	56.95, -2.76, 19.89
CIE _{LCh}	57, 20.080, 97.907
Yxy	24.8704, 0.3594, 0.3883
Android (android.graphics.Color)	4287727974 (0xFF918966)
YUV	135.4020, -16.4672, 8.4174
Hunter-Lab	49.8702, -4.8741, 15.6997

Details

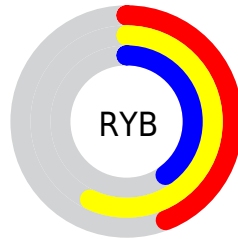
The XYZ color **23.0210, 24.8704, 16.1575** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.1661, 16.0205, 29.0284**, and the grayscale version is **23.2343, 24.4443, 26.6198**.

A 20% lighter version of the original color is **47.7164, 51.2689, 37.5180**, and **8.7139, 9.4719, 4.9834** is the 20% darker color. If you saturate the color by 10%, you get **21.9856, 23.8514, 12.5696**, and if you desaturate by 10%, it is **24.1931, 25.9611, 20.4122**.

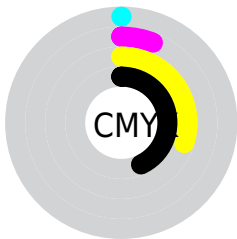
Distribution



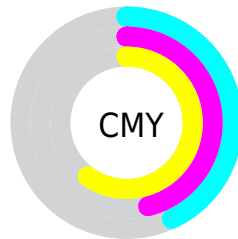
- Red (57%)
- Green (54%)
- Blue (40%)



- Red (44%)
- Yellow (57%)
- Blue (40%)



- Cyan (0%)
- Magenta (6%)
- Yellow (30%)
- Black (43%)



- Cyan (43%)
- Magenta (46%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0210, 24.8704, 16.1575 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 23.0210, 24.8704, 16.1575 by changing the saturation by 10% instead.

■ 23.0210, 24.8704,
16.1575

■ 23.0210, 24.8704,
16.1575

260.3662,
277.1919, 242.1467

■ 14.7298, 15.9805,
9.4801

■ 47.8942, 51.4469,
37.6420

■ 8.7150, 9.5104,
4.9546

■ 65.2069, 69.9023,
53.2862

■ 4.6114, 5.0755,
2.1624

■ 86.2575, 92.3150,
72.7564

■ 2.0535, 2.2917,
0.6525

■ 111.4114,
119.0694, 96.4712

■ 0.6638, 0.7693,
0.0000

141.0338,
150.5499, 124.8491

■ 0.0000, 0.0000,
0.0000

175.4901,

187.1409, 158.3086

215.1458,
229.2268, 197.2683

■ 23.0210, 24.8704,
16.1575

■ 23.0210, 24.8704,
16.1575

■ 21.9856, 23.8514,
12.5696

■ 24.1931, 25.9611,
20.4122

■ 21.0783, 22.8980,
9.6124

■ 25.5061, 27.1228,
25.3641

■ 20.2926, 22.0084,
7.2487

■ 26.9663, 28.3589,
31.0437

■ 19.6205, 21.1791,
5.4369

■ 28.5793, 29.6718,
37.4793

■ 19.0529, 20.4066,
4.1298

■ 30.3502, 31.0636,
44.6974

■ 18.5794, 19.6865,
3.2726

■ 32.2837, 32.5363,
52.7235

■ 18.1734, 19.0080,
2.7255

■ 34.3847, 34.0919,
61.5818

■ 18.1597, 18.9849,
2.7073

■ 36.6575, 35.7324,
71.2956

■ 39.1064, 37.4595,
81.8872

Harmonies

Analogous

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



25.3831, 24.8704, 16.7522



23.0210, 24.8704, 16.1575



20.9639, 24.8704, 18.0813

Triad

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



23.0210, 24.8704, 16.1575



20.2424, 24.8704, 35.8553



28.0879, 24.8704, 32.2564

Complementary

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



23.0210, 24.8704, 16.1575



16.1661, 16.0205, 29.0284

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.



26.5315, 24.8704, 38.6560



23.0210, 24.8704, 16.1575



21.9759, 24.8704, 40.9626

Square

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



23.0210, 24.8704, 16.1575



19.4307, 24.8704, 28.9034



24.2671, 24.8704, 42.0647



28.4139, 24.8704, 25.3342

Rectangle

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



23.0210, 24.8704, 16.1575



20.0057, 24.8704, 20.7569



24.2671, 24.8704, 42.0647



27.6865, 24.8704, 34.5714

Sweetspot

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



23.0216, 24.8715, 16.1580



45.7937, 48.6732, 45.8687



19.2759, 16.6617, 17.1241



10.1148, 10.7651, 9.9264



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.



23.0216, 24.8715, 16.1580



39.8874, 43.2323, 24.2570



22.0552, 26.1238, 16.4507



5.7555, 6.1173, 5.7668



15.5936, 16.3189, 2.3280



0.1634, 0.1846, 0.0270

Inverse Universe

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



16.1661, 16.0205, 29.0284



25.4480, 24.5944, 51.3795



16.9196, 15.1855, 28.8275



5.2057, 5.4072, 6.7981



4.7342, 2.4545, 23.2013



0.0574, 0.0476, 0.2259

Previews

White Background



This preview shows how the XYZ color 23.0210, 24.8704, 16.1575 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 23.0210, 24.8704, 16.1575 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

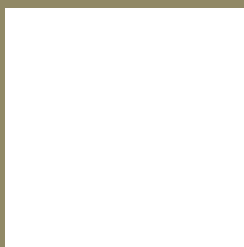
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0210, 24.8704, 16.1575

Background



This preview shows how black text looks on a background with the XYZ color 23.0210, 24.8704, 16.1575.



This preview shows how white text looks on a background with the XYZ color 23.0210, 24.8704,

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

23.0210, 24.8704, 16.1575

Protanopia

23.3766, 25.0537, 16.1741

Deuteranopia

25.2624, 24.7889, 16.2852



Tritanopia

25.7114, 24.9396, 29.0499

Trichromacy



Original Color

23.0210, 24.8704, 16.1575

Protanomaly

23.1980, 24.9616, 16.1658

Deuteranomaly

24.3533, 24.7229, 16.3204

Tritanomaly

24.5686, 24.8784, 23.5858

Monochromacy



Original Color

23.0210, 24.8704, 16.1575

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.0268, 24.5273, 22.2595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0210, 24.8704, 16.1575 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(145, 137, 102)` looks like.

```
.text, #text, p{  
    color:rgb(145, 137, 102)  
}
```

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(145, 137, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 137, 102) }
```

Border

The CSS property to change the border of an element to XYZ 23.0210, 24.8704, 16.1575 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(145, 137, 102) }
```


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

```
.border{ border-color:rgb(145, 137, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 137, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 137, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 137, 102);  
box-shadow:4px 4px 4px 4px rgb(145, 137,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0210, 24.8704, 16.1575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 137, 102) }
```

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

```
.background{ background-color: rgb(145,  
137, 102) }
```

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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