

Converting Colors

XYZ(23.2186, 24.9000, 17.3044)

Have a look what the booklet for
XYZ(23.2186, 24.9000, 17.3044)
contains.

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Color

**XYZ(23.2242, 24.9517,
17.2278)**

Conversions

Conversions Part 1

Format	Color
Hex	91896A
RGB	145, 137, 106
RGB Percent	57%, 54%, 42%
CMY	0.4314, 0.4627, 0.5843
CMYK	0.00, 0.06, 0.27, 0.43
HSL	48°, 16%, 49%
HSV	48°, 27%, 57%
XYZ	23.2242, 24.9517, 17.2278
YIQ	135.8580, 14.7190, -7.9450

Conversions

Conversions Part 2

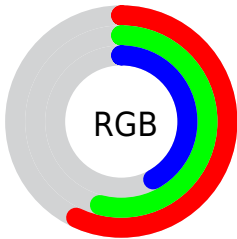
Format	Color
R_{YB}	116, 145, 106
Decimal	9537898
CIE _{Lab}	57.03, -2.19, 17.74
CIE _{LCh}	57, 17.872, 97.040
Yxy	24.9517, 0.3551, 0.3815
Android (android.graphics.Color)	4287727978 (0xFF91896A)
YUV	135.8580, -14.7200, 8.0175
Hunter-Lab	49.9517, -4.4248, 14.5177

Details

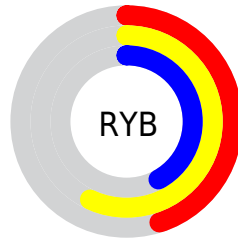
The XYZ color **23.2242, 24.9517, 17.2278** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.0718, 17.1426, 29.1971**, and the grayscale version is **23.3986, 24.6172, 26.8081**.

A 20% lighter version of the original color is **48.0524, 51.4033, 39.2875**, and **8.7880, 9.5016, 5.3738** is the 20% darker color. If you saturate the color by 10%, you get **22.1165, 23.8425, 13.4477**, and if you desaturate by 10%, it is **24.4724, 26.1374, 21.6844**.

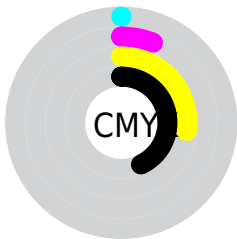
Distribution



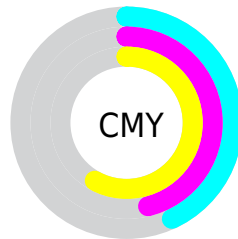
- Red (57%)
- Green (54%)
- Blue (42%)



- Red (45%)
- Yellow (57%)
- Blue (42%)



- Cyan (0%)
- Magenta (6%)
- Yellow (27%)
- Black (43%)



- Cyan (43%)
- Magenta (46%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2242, 24.9517, 17.2278 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 23.2242, 24.9517, 17.2278 by changing the saturation by 10% instead.

■ 23.2242, 24.9517,
17.2278

■ 23.2242, 24.9517,
17.2278

261.3883,
277.5973, 248.5700

■ 14.8807, 16.0411,
10.2334

■ 48.2252, 51.5789,
39.5130

■ 8.8215, 9.5532,
5.4463

■ 65.6134, 70.0642,
55.6409

■ 4.6811, 5.1038,
2.4482

■ 86.7472, 92.5098,
75.6504

■ 2.0942, 2.3083,
0.8125

■ 111.9920,
119.3003, 99.9599

■ 0.6861, 0.7781,
0.0000

141.7132,
150.8198, 128.9881

■ 0.0000, 0.0000,
0.0000

176.2761,

187.4529, 163.1535

216.0460,
229.5840, 202.8746

■ 23.2242, 24.9517,
17.2278

■ 23.2242, 24.9517,
17.2278

■ 22.1165, 23.8425,
13.4477

■ 24.4724, 26.1374,
21.6844

■ 21.1407, 22.8038,
10.3088

■ 25.8652, 27.3989,
26.8474

■ 20.2907, 21.8337,
7.7748

■ 27.4089, 28.7397,
32.7468

■ 19.5584, 20.9288,
5.8053

■ 29.1089, 30.1620,
39.4102

■ 18.9353, 20.0857,
4.3549

■ 30.9703, 31.6681,
46.8641

■ 18.4112, 19.3001,
3.3711

■ 32.9978, 33.2600,
55.1334

■ 17.9694, 18.5651,
2.7656

■ 35.1961, 34.9397,
64.2423

■ 17.8387, 18.3430,
2.6004

■ 37.5697, 36.7092,
74.2135

■ 40.1229, 38.5702,
85.0693

Harmonies

Analogous

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



25.3268, 24.9517, 17.8472



23.2242, 24.9517, 17.2278



21.3648, 24.9517, 18.9403

Triad

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



23.2242, 24.9517, 17.2278



20.6353, 24.9517, 34.7499



27.6333, 24.9517, 31.9357

Complementary

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



23.2242, 24.9517, 17.2278



17.0718, 17.1426, 29.1971

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.



26.2333, 24.9517, 37.4887



23.2242, 24.9517, 17.2278



22.1747, 24.9517, 39.2737

Square

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



23.2242, 24.9517, 17.2278



19.9284, 24.9517, 28.6108



24.2144, 24.9517, 40.3435



27.9552, 24.9517, 25.7748

Rectangle

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



23.2242, 24.9517, 17.2278



20.4853, 24.9517, 21.3474



24.2144, 24.9517, 40.3435



27.2693, 24.9517, 33.9610

Sweetspot

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



23.2248, 24.9528, 17.2283



45.9891, 48.7726, 46.8325



19.8942, 17.5533, 18.3941



10.1516, 10.7792, 10.1222



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.



23.2248, 24.9528, 17.2283



40.4171, 43.5235, 26.8020



22.5506, 26.3556, 17.5346



5.7470, 6.1002, 5.7639



15.3195, 15.7708, 2.2366



0.1618, 0.1814, 0.0265

Inverse Universe

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



17.0718, 17.1426, 29.1971



27.5826, 27.2352, 51.7767



17.6080, 16.1381, 28.9749



5.2136, 5.4231, 6.8007



4.7921, 2.5703, 23.2206



0.0589, 0.0508, 0.2264

Previews

White Background



This preview shows how the XYZ color 23.2242, 24.9517, 17.2278 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 23.2242, 24.9517, 17.2278 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

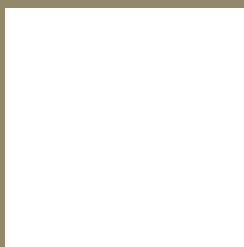
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.2242, 24.9517, 17.2278

Background



This preview shows how black text looks on a background with the XYZ color 23.2242, 24.9517, 17.2278.



This preview shows how white text looks on a background with the XYZ color 23.2242, 24.9517,

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

23.2242, 24.9517, 17.2278

Protanopia

23.4012, 25.0429, 17.2361

Deuteranopia

25.2673, 24.7677, 17.3588



Tritanopia

25.5282, 24.8451, 29.0413

Trichromacy



Original Color

23.2242, 24.9517, 17.2278

Protanomaly

23.4012, 25.0429, 17.2361

Deuteranomaly

24.5589, 24.8052, 17.4034

Tritanomaly

24.7003, 24.9311, 24.2792

Monochromacy



Original Color

23.2242, 24.9517, 17.2278

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.1533, 24.5780, 22.9257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2242, 24.9517, 17.2278 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, 106)` looks like.

```
.text, #text, p{  
    color:rgb(145, 137, 106)  
}
```

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, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 137, 106) }
```

Border

The CSS property to change the border of an element to XYZ 23.2242, 24.9517, 17.2278 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, 106) }
```


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

```
.border{ border-color:rgb(145, 137, 106) }
```

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, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 137, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 137, 106);  
box-shadow:4px 4px 4px 4px rgb(145, 137,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2242, 24.9517, 17.2278 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, 106) }
```

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

```
.background{ background-color: rgb(145,  
137, 106) }
```

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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