

Converting Colors

XYZ(23.6063, 25.5322, 13.3790)

Have a look what the booklet for
XYZ(23.6063, 25.5322, 13.3790)
contains.

XYZ(23.5116, 25.3992, 13.3362)	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(23.5116, 25.3992,
13.3362)**

Conversions

Conversions Part 1

Format	Color
Hex	968A5A
RGB	150, 138, 90
RGB Percent	59%, 54%, 35%
CMY	0.4118, 0.4588, 0.6471
CMYK	0.00, 0.08, 0.40, 0.41
HSL	48°, 25%, 47%
HSV	48°, 40%, 59%
XYZ	23.5116, 25.3992, 13.3362
YIQ	136.1160, 22.5600, -12.3840

Conversions

Conversions Part 2

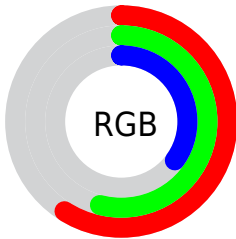
Format	Color
RYB	105, 150, 90
Decimal	9865818
CIELab	57.46, -2.78, 27.34
CIELCh	57, 27.476, 95.801
Yxy	25.3992, 0.3777, 0.4080
Android (android.graphics.Color)	4288055898 (0xFF968A5A)
YUV	136.1160, -22.7352, 12.1763
Hunter-Lab	50.3976, -4.9216, 19.5890

Details

The XYZ color **23.5116, 25.3992, 13.3362** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.4727, 13.8779, 30.7700**, and the grayscale version is **23.5224, 24.7474, 26.9499**.

A 20% lighter version of the original color is **48.6154, 52.1638, 32.7056**, and **8.9628, 9.7505, 3.6952** is the 20% darker color. If you saturate the color by 10%, you get **22.5124, 24.3214, 10.1649**, and if you desaturate by 10%, it is **24.6528, 26.5546, 17.1912**.

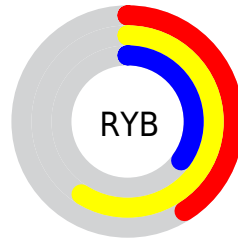
Distribution



Red (59%)

Green (54%)

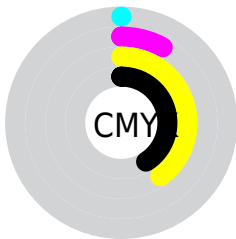
Blue (35%)



Red (41%)

Yellow (59%)

Blue (35%)

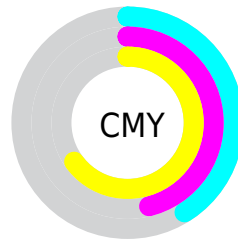


Cyan (0%)

Magenta (8%)

Yellow (40%)

Black (41%)



Cyan (41%)

Magenta (46%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5116, 25.3992, 13.3362 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 23.5116, 25.3992, 13.3362 by changing the saturation by 10% instead.

■ 23.5116, 25.3992,
13.3362

■ 23.5116, 25.3992,
13.3362

262.8284,
279.8202, 224.3442

■ 15.0945, 16.3747,
7.5270

■ 48.6925, 52.3041,
32.6065

■ 8.9725, 9.7897,
3.7104

■ 66.1870, 70.9533,
46.9046

■ 4.7802, 5.2597,
1.4679

■ 87.4381, 93.5796,
64.8696

■ 2.1523, 2.4005,
0.1938

■ 112.8110,
120.5673, 86.9198

■ 0.7174, 0.8261,
0.0000

■ 142.6711,
152.3008, 113.4738

■ 0.0000, 0.0000,
0.0000

177.3838,

189.1645, 144.9502

217.3145,
231.5428, 181.7675

■ 23.5116, 25.3992,
13.3362

■ 23.5116, 25.3992,
13.3362

■ 22.5124, 24.3214,
10.1649

■ 24.6528, 26.5546,
17.1912

■ 21.6454, 23.3145,
7.6345

■ 25.9415, 27.7873,
21.7660

■ 20.9025, 22.3759,
5.7001

■ 27.3848, 29.1011,
27.0959

■ 20.2739, 21.5016,
4.3101

■ 28.9891, 30.4988,
33.2137

■ 19.7480, 20.6867,
3.4041

■ 30.7604, 31.9828,
40.1500

■ 19.2954, 19.9194,
2.8279

■ 32.7041, 33.5556,
47.9339

■ 19.2953, 19.9194,
2.8278

■ 34.8257, 35.2194,
56.5930

■ 37.1303, 36.9764,
66.1538

■ 39.6226, 38.8288,
76.6414

Harmonies

Analogous

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



26.8099, 25.3992, 14.2732



23.5116, 25.3992, 13.3362



20.6485, 25.3992, 15.4759

Triad

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



23.5116, 25.3992, 13.3362



19.3946, 25.3992, 39.5759



30.3389, 25.3992, 35.7084

Complementary

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



23.5116, 25.3992, 13.3362



14.4727, 13.8779, 30.7700

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.



28.0070, 25.3992, 44.9714



23.5116, 25.3992, 13.3362



21.6557, 25.3992, 47.5340

Square

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



23.5116, 25.3992, 13.3362



18.4133, 25.3992, 29.5146



24.7819, 25.3992, 49.7033



30.9485, 25.3992, 25.8760

Rectangle

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



23.5116, 25.3992, 13.3362



19.3076, 25.3992, 18.7227



24.7819, 25.3992, 49.7033



29.7208, 25.3992, 39.0550

Sweetspot

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



23.5122, 25.4004, 13.3367



47.7341, 50.8257, 45.5951



18.6322, 14.7559, 14.4368



10.5128, 11.2044, 9.8600



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.5122, 25.4004, 13.3367



39.9041, 43.1165, 18.4736



22.2676, 27.4564, 13.7992



6.1680, 6.5497, 6.1796



16.0259, 16.5662, 2.3529



0.2163, 0.2430, 0.0355

Inverse Universe

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



14.4727, 13.8779, 30.7700



21.6984, 19.9228, 53.6231



15.3457, 12.7028, 30.4971



5.5878, 5.8097, 7.2966



4.9700, 2.6347, 24.1776



0.0780, 0.0666, 0.3017

Previews

White Background



This preview shows how the XYZ color 23.5116, 25.3992, 13.3362 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 23.5116, 25.3992, 13.3362 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 23.5116, 25.3992, 13.3362

Background



This preview shows how black text looks on a background with the XYZ color 23.5116, 25.3992, 13.3362.



This preview shows how white text looks on a background with the XYZ color 23.5116, 25.3992,

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

23.5116, 25.3992, 13.3362

Protanopia

23.5116, 25.3992, 13.3362

Deuteranopia

25.8655, 25.3649, 13.4302



Tritanopia

26.8441, 25.5234, 29.1029

Trichromacy



Original Color

23.5116, 25.3992, 13.3362

Protanomaly

23.5116, 25.3992, 13.3362

Deuteranomaly

24.9106, 25.2791, 13.4640

Tritanomaly

25.4267, 25.3503, 22.2919

Monochromacy



Original Color

23.5116, 25.3992, 13.3362

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.2599, 24.8860, 21.0303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5116, 25.3992, 13.3362 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(150, 138, 90)` looks like.

```
.text, #text, p{  
    color:rgb(150, 138, 90)  
}
```

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(150, 138, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 138, 90) }
```

Border

The CSS property to change the border of an element to XYZ 23.5116, 25.3992, 13.3362 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(150, 138, 90) }
```


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

```
.border{ border-color:rgb(150, 138, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 138, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 138, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 138, 90);  
box-shadow:4px 4px 4px 4px rgb(150, 138,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5116, 25.3992, 13.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 138, 90) }
```

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

```
.background{ background-color: rgb(150,  
138, 90) }
```

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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