

Converting Colors

XYZ(23.2390, 25.2419, 11.5545)

Have a look what the booklet for
XYZ(23.2390, 25.2419, 11.5545)
contains.

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Color

**XYZ(23.3740, 25.3655,
11.6467)**

Conversions

Conversions Part 1

Format	Color
Hex	978A52
RGB	151, 138, 82
RGB Percent	59%, 54%, 32%
CMY	0.4078, 0.4588, 0.6784
CMYK	0.00, 0.09, 0.46, 0.41
HSL	49°, 30%, 46%
HSV	49°, 46%, 59%
XYZ	23.3740, 25.3655, 11.6467
YIQ	135.5030, 25.7240, -14.6600

Conversions

Conversions Part 2

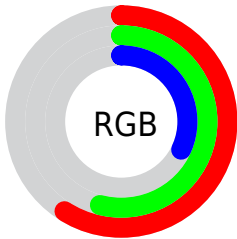
Format	Color
RYB	98, 151, 82
Decimal	9931346
CIELab	57.43, -3.25, 31.66
CIELCh	57, 31.831, 95.861
Yxy	25.3655, 0.3871, 0.4201
Android (android.graphics.Color)	4288121426 (0xFF978A52)
YUV	135.5030, -26.3770, 13.5909
Hunter-Lab	50.3642, -5.2955, 21.5441

Details

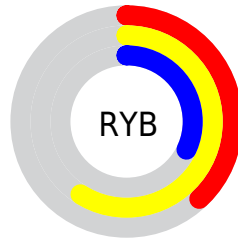
The XYZ color **23.3740, 25.3655, 11.6467** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.1577, 12.2122, 30.9419**, and the grayscale version is **23.3052, 24.5189, 26.7011**.

A 20% lighter version of the original color is **48.2493, 52.0494, 29.3333**, and **8.8301, 9.6975, 2.9965** is the 20% darker color. If you saturate the color by 10%, you get **22.4590, 24.3560, 8.8122**, and if you desaturate by 10%, it is **24.4274, 26.4493, 15.1518**.

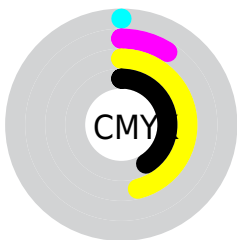
Distribution



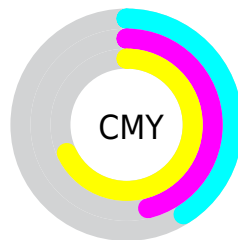
- Red (59%)
- Green (54%)
- Blue (32%)



- Red (38%)
- Yellow (59%)
- Blue (32%)



- Cyan (0%)
- Magenta (9%)
- Yellow (46%)
- Black (41%)



- Cyan (41%)
- Magenta (46%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3740, 25.3655, 11.6467 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 23.3740, 25.3655, 11.6467 by changing the saturation by 10% instead.

■ 23.3740, 25.3655,
11.6467

■ 23.3740, 25.3655,
11.6467

262.1398,
279.6533, 212.9463

■ 14.9921, 16.3496,
6.3840

■ 48.4689, 52.2496,
29.5047

■ 8.9001, 9.7719,
3.0074

■ 65.9126, 70.8865,
42.9371

■ 4.7327, 5.2480,
1.0984

■ 87.1076, 93.4992,
59.9297

■ 2.1244, 2.3935,
0.0000

■ 112.4192,
120.4721, 80.9012

■ 0.7024, 0.8225,
0.0000

■ 142.2129,
152.1895, 106.2701

■ 0.0000, 0.0000,
0.0000

176.8540,

189.0359, 136.4549

216.7079,
231.3957, 171.8741

■ 23.3740, 25.3655,
11.6467

■ 23.3740, 25.3655,
11.6467

■ 22.4590, 24.3560,
8.8122

■ 24.4274, 26.4493,
15.1518

■ 21.6721, 23.4138,
6.6025

■ 25.6251, 27.6071,
19.3662

■ 21.0043, 22.5361,
4.9687

■ 26.9747, 28.8430,
24.3274

■ 20.4449, 21.7185,
3.8536

■ 28.4829, 30.1599,
30.0697

■ 19.9787, 20.9547,
3.1784

■ 30.1559, 31.5602,
36.6256

■ 19.7909, 20.6361,
2.9401

■ 31.9996, 33.0466,
44.0253

■ 34.0194, 34.6212,
52.2980

■ 36.2207, 36.2865,
61.4709

■ 38.6086, 38.0444,
71.5705

Harmonies

Analogous

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



27.2078, 25.3655, 12.6366



23.3740, 25.3655, 11.6467



20.0941, 25.3655, 13.9422

Triad

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



23.3740, 25.3655, 11.6467



18.6815, 25.3655, 41.7080



31.3747, 25.3655, 37.0439

Complementary

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



23.3740, 25.3655, 11.6467



13.1577, 12.2122, 30.9419

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.



28.6263, 25.3655, 48.1754



23.3740, 25.3655, 11.6467



21.2551, 25.3655, 51.3239

Square

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



23.3740, 25.3655, 11.6467



17.5731, 25.3655, 29.8010



24.8595, 25.3655, 53.9566



32.0930, 25.3655, 25.5457

Rectangle

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



23.3740, 25.3655, 11.6467



18.5760, 25.3655, 17.4998



24.8595, 25.3655, 53.9566



30.6446, 25.3655, 41.0367

Sweetspot

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



23.3746, 25.3667, 11.6472



48.6729, 51.9790, 44.9353



17.8821, 13.4550, 12.6730



10.9458, 11.7099, 9.7748



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.3746, 25.3667, 11.6472



40.1596, 43.5477, 15.5993



21.8417, 27.5121, 12.1421



6.6100, 7.0250, 6.6134



16.8560, 17.5944, 2.5077



0.2746, 0.3083, 0.0450

Inverse Universe

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



13.1577, 12.2122, 30.9419



19.4986, 16.9666, 54.6809



14.1626, 11.1351, 30.6810



5.9740, 6.2053, 7.8119



5.1308, 2.6582, 25.1504



0.0971, 0.0805, 0.3828

Previews

White Background



This preview shows how the XYZ color 23.3740, 25.3655, 11.6467 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 23.3740, 25.3655, 11.6467 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

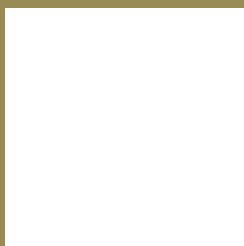
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3740, 25.3655, 11.6467

Background



This preview shows how black text looks on a background with the XYZ color 23.3740, 25.3655, 11.6467.



This preview shows how white text looks on a background with the XYZ color 23.3740, 25.3655,

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

23.3740, 25.3655, 11.6467

Protanopia

23.3740, 25.3655, 11.6467

Deuteranopia

25.7489, 25.3426, 11.7181



Tritanopia

26.8286, 25.3238, 28.6733

Trichromacy



Original Color

23.3740, 25.3655, 11.6467

Protanomaly

23.3740, 25.3655, 11.6467

Deuteranomaly

24.7844, 25.2518, 11.7514

Tritanomaly

25.4328, 25.3748, 21.3267

Monochromacy



Original Color

23.3740, 25.3655, 11.6467

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.0826, 24.8150, 20.0962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3740, 25.3655, 11.6467 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(151, 138, 82)` looks like.

```
.text, #text, p{  
    color:rgb(151, 138, 82)  
}
```

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(151, 138, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 138, 82) }
```

Border

The CSS property to change the border of an element to XYZ 23.3740, 25.3655, 11.6467 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(151, 138, 82) }
```


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

```
.border{ border-color:rgb(151, 138, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 138, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 138, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 138, 82);  
box-shadow:4px 4px 4px 4px rgb(151, 138,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3740, 25.3655, 11.6467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 138, 82) }
```

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

```
.background{ background-color: rgb(151,  
138, 82) }
```

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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