

Converting Colors

XYZ(25.4439, 30.1583, 10.0689)

Have a look what the booklet for
XYZ(25.4439, 30.1583, 10.0689)
contains.

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Color

**XYZ(25.3923, 30.1202,
10.1057)**

Conversions

Conversions Part 1

Format	Color
Hex	979A45
RGB	151, 154, 69
RGB Percent	59%, 60%, 27%
CMY	0.4078, 0.3961, 0.7294
CMYK	0.02, 0.00, 0.55, 0.40
HSL	62°, 38%, 44%
HSV	62°, 55%, 60%
XYZ	25.3923, 30.1202, 10.1057
YIQ	143.4130, 25.4970, -27.0710

Conversions

Conversions Part 2

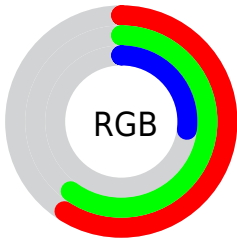
Format	Color
RYB	69, 154, 72
Decimal	9935429
CIELab	61.76, -13.14, 43.51
CIELCh	62, 45.453, 106.799
Yxy	30.1202, 0.3870, 0.4590
Android (android.graphics.Color)	4288125509 (0xFF979A45)
YUV	143.4130, -36.6856, 6.6538
Hunter-Lab	54.8819, -13.4563, 27.4999

Details

The XYZ color **25.3923, 30.1202, 10.1057** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.6344, 7.9678, 31.5511**, and the grayscale version is **26.4094, 27.7848, 30.2576**.

A 20% lighter version of the original color is **51.6782, 59.7332, 26.5752**, and **9.9884, 12.3376, 2.3853** is the 20% darker color. If you saturate the color by 10%, you get **24.8745, 29.9025, 7.9020**, and if you desaturate by 10%, it is **26.0361, 30.3905, 12.9642**.

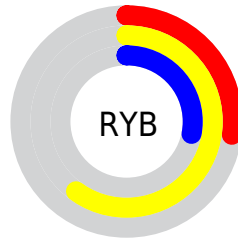
Distribution



Red (59%)

Green (60%)

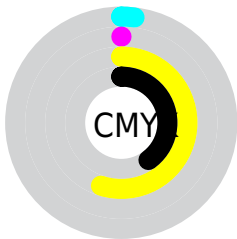
Blue (27%)



Red (27%)

Yellow (60%)

Blue (28%)

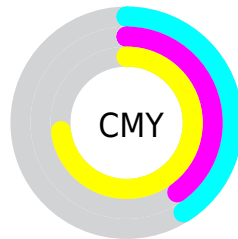


Cyan (2%)

Magenta (0%)

Yellow (55%)

Black (40%)



Cyan (41%)

Magenta (40%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3923, 30.1202, 10.1057 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 25.3923, 30.1202, 10.1057 by changing the saturation by 10% instead.

■ 25.3923, 30.1202,
10.1057

■ 25.3923, 30.1202,
10.1057

272.0978,
302.4643, 201.9370

■ 16.4999, 19.9298,
5.3626

■ 51.7313, 59.8522,
26.6050

■ 9.9716, 12.3441,
2.3991

■ 69.9085, 80.1627,
39.1983

■ 5.4423, 6.9784,
0.7860

■ 91.9114, 104.6153,
55.2454

■ 2.5464, 3.4486,
0.0000

■ 118.1052,
133.5944, 75.1649

■ 0.9187, 1.3702,
0.0000

■ 148.8554,
167.4845, 99.3752

■ 0.0000, 0.1946,
0.0000

184.5274,

■ 0.0000, 0.0000,

206.6699, 128.2950

0.0000

225.4864,
251.5351, 162.3427

■ 25.3923, 30.1202,
10.1057

■ 25.3923, 30.1202,
10.1057

■ 24.8745, 29.9025,
7.9020

■ 26.0361, 30.3905,
12.9642

■ 24.4707, 29.7294,
6.2994

■ 26.8125, 30.7128,
16.5217

■ 24.1704, 29.5978,
5.2392

■ 27.7302, 31.0917,
20.8210

■ 23.9589, 29.5017,
4.6441

■ 28.7966, 31.5301,
25.9005

■ 23.8708, 29.4609,
4.4284

■ 30.0184, 32.0308,
31.7964

■ 31.4022, 32.5962,
38.5424

■ 32.9539, 33.2289,
46.1703

■ 34.6793, 33.9312,
54.7104

■ 36.5838, 34.7051,
64.1914

Harmonies

Analogous

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



31.3714, 30.1202, 9.8604



25.3923, 30.1202, 10.1057



20.9497, 30.1202, 14.8508

Triad

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



25.3923, 30.1202, 10.1057



21.3725, 30.1202, 63.6160



41.5308, 30.1202, 41.0183

Complementary

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



25.3923, 30.1202, 10.1057



10.6344, 7.9678, 31.5511

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.



37.9857, 30.1202, 61.3400



25.3923, 30.1202, 10.1057



26.0501, 30.1202, 77.1698

Square

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



25.3923, 30.1202, 10.1057



18.8631, 30.1202, 43.4120



32.1283, 30.1202, 76.2147



41.2887, 30.1202, 24.0689

Rectangle

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



25.3923, 30.1202, 10.1057



19.2020, 30.1202, 21.3318



32.1283, 30.1202, 76.2147



40.7235, 30.1202, 47.7701

Sweetspot

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



25.3930, 30.1216, 10.1063



51.8690, 57.0933, 44.9443



16.7083, 11.9137, 7.0496



11.6573, 12.8887, 9.7764



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.3930, 30.1216, 10.1063



45.0109, 54.2435, 13.6458



18.8967, 26.7726, 9.8023



6.6873, 7.2118, 6.6454



19.4535, 24.0045, 3.6080



0.2966, 0.3618, 0.0542

Inverse Universe

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



10.6344, 7.9678, 31.5511



15.4550, 9.8564, 56.6242



14.9447, 10.1898, 31.7528



5.9037, 6.0362, 7.7829



4.8141, 1.9328, 25.0270



0.0767, 0.0313, 0.3744

Previews

White Background



This preview shows how the XYZ color 25.3923, 30.1202, 10.1057 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.3923, 30.1202, 10.1057 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 ✓ Pass

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

XYZ 25.3923, 30.1202, 10.1057

Background



This preview shows how black text looks on a background with the XYZ color 25.3923, 30.1202, 10.1057.



This preview shows how white text looks on a background with the XYZ color 25.3923, 30.1202,

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

25.3923, 30.1202, 10.1057

Protanopia

27.3079, 29.9116, 9.8031

Deuteranopia

30.6099, 30.0042, 10.3090



Tritanopia

30.6234, 30.1247, 35.6531

Trichromacy



Original Color

25.3923, 30.1202, 10.1057

Protanomaly

26.6072, 30.0242, 9.8617

Deuteranomaly

28.4295, 29.7834, 10.2116

Tritanomaly

28.1326, 29.8031, 23.3386

Monochromacy



Original Color

25.3923, 30.1202, 10.1057

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.4402, 28.2394, 20.6329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3923, 30.1202, 10.1057 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, 154, 69)` looks like.

```
.text, #text, p{  
    color:rgb(151, 154, 69)  
}
```

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, 154, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 154, 69) }
```

Border

The CSS property to change the border of an element to XYZ 25.3923, 30.1202, 10.1057 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, 154, 69) }
```


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

```
.border{ border-color:rgb(151, 154, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 154, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 154, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 154, 69);  
box-shadow:4px 4px 4px 4px rgb(151, 154,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3923, 30.1202, 10.1057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 154, 69) }
```

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

```
.background{ background-color: rgb(151,  
154, 69) }
```

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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