

Converting Colors

XYZ(23.5821, 26.0225, 6.3650)

Have a look what the booklet for
XYZ(23.5821, 26.0225, 6.3650)
contains.

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Color

**XYZ(23.5815, 26.0213,
6.3645)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8C2E
RGB	156, 140, 46
RGB Percent	61%, 55%, 18%
CMY	0.3882, 0.4510, 0.8196
CMYK	0.00, 0.10, 0.71, 0.39
HSL	51°, 54%, 40%
HSV	51°, 71%, 61%
XYZ	23.5815, 26.0213, 6.3645
YIQ	134.0680, 39.7100, -25.8420

Conversions

Conversions Part 2

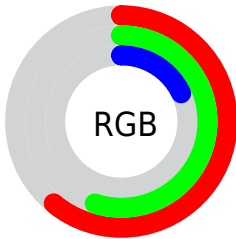
Format	Color
R _Y B	65, 156, 46
Decimal	10259502
CIE Lab	58.06, -5.03, 50.07
CIE LCh	58, 50.319, 95.738
Yxy	26.0213, 0.4213, 0.4649
Android (android.graphics.Color)	4288449582 (0xFF9C8C2E)
YUV	134.0680, -43.4175, 19.2344
Hunter-Lab	51.0111, -6.7521, 28.3103

Details

The XYZ color **23.5815, 26.0213, 6.3645** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.8501, 6.4263, 32.2262**, and the grayscale version is **22.8300, 24.0190, 26.1567**.

A 20% lighter version of the original color is **48.7151, 53.1679, 19.2501**, and **9.0230, 10.0790, 1.4699** is the 20% darker color. If you saturate the color by 10%, you get **23.0003, 25.2649, 4.9198**, and if you desaturate by 10%, it is **24.2825, 26.8386, 8.4011**.

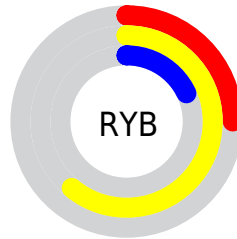
Distribution



Red (61%)

Green (55%)

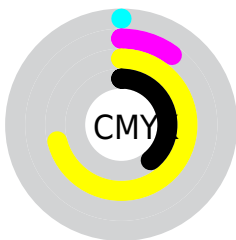
Blue (18%)



Red (25%)

Yellow (61%)

Blue (18%)

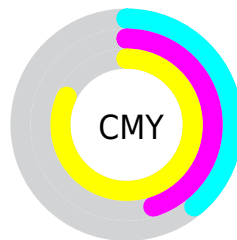


Cyan (0%)

Magenta (10%)

Yellow (71%)

Black (39%)



Cyan (39%)

Magenta (45%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5815, 26.0213, 6.3645 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 23.5815, 26.0213, 6.3645 by changing the saturation by 10% instead.

■ 23.5815, 26.0213,
6.3645

■ 23.5815, 26.0213,
6.3645

263.1777,
282.8866, 171.6990

■ 15.1465, 16.8396,
2.9956

■ 48.8061, 53.3093,
19.1735

■ 9.0093, 10.1202,
1.0924

■ 66.3264, 72.1844,
29.4506

■ 4.8044, 5.4787,
0.0000

■ 87.6058, 95.0594,
42.8676

■ 2.1665, 2.5308,
0.0000

■ 113.0098,
122.3186, 59.8430

■ 0.7250, 0.8920,
0.0000

■ 142.9036,
154.3466, 80.7952

■ 0.0000, 0.0000,
0.0000

■ 177.6526,

191.5277, 106.1430

217.6222,
234.2462, 136.3047

■ 23.5815, 26.0213,
6.3645

■ 23.5815, 26.0213,
6.3645

■ 23.0003, 25.2649,
4.9198

■ 24.2825, 26.8386,
8.4011

■ 22.5243, 24.5604,
3.9981

■ 25.1124, 27.7174,
11.0852

■ 22.1409, 23.9292,
3.4518

■ 26.0814, 28.6630,
14.4681

■ 27.1983, 29.6788,
18.5951

■ 28.4710, 30.7681,
23.5080

■ 29.9068, 31.9340,
29.2453

■ 31.5126, 33.1791,
35.8430

■ 33.2949, 34.5063,
43.3351

■ 35.2599, 35.9179,
51.7535

Harmonies

Analogous

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



29.8566, 26.0213, 7.4525



23.5815, 26.0213, 6.3645



18.5108, 26.0213, 8.9135

Triad

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



23.5815, 26.0213, 6.3645



16.4017, 26.0213, 52.7460



37.0012, 26.0213, 44.4462

Complementary

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



23.5815, 26.0213, 6.3645



8.8501, 6.4263, 32.2262

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.



32.2121, 26.0213, 65.1464



23.5815, 26.0213, 6.3645



20.2310, 26.0213, 71.1561

Square

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



23.5815, 26.0213, 6.3645



14.8249, 26.0213, 31.8152



25.9203, 26.0213, 76.4381



38.2906, 26.0213, 25.1142

Rectangle

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



23.5815, 26.0213, 6.3645



16.2707, 26.0213, 13.3493



25.9203, 26.0213, 76.4381



35.7129, 26.0213, 51.6840

Sweetspot

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



23.5821, 26.0225, 6.3650



51.4906, 55.6995, 41.8295



15.5707, 9.3754, 5.6190



11.1965, 12.1437, 8.6828



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.



23.5821, 26.0225, 6.3650



41.2209, 45.0882, 7.7992



19.7852, 27.7907, 6.9064



7.0879, 7.5559, 7.0705



18.2569, 19.7493, 2.8498



0.3468, 0.3939, 0.0577

Inverse Universe

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



8.8501, 6.4263, 32.2262



12.8574, 7.4552, 57.8881



10.6791, 6.2626, 32.0982



6.3587, 6.5832, 8.3422



5.2067, 2.5049, 26.1163



0.1125, 0.0836, 0.4734

Previews

White Background



This preview shows how the XYZ color 23.5815, 26.0213, 6.3645 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 23.5815, 26.0213, 6.3645 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 23.5815, 26.0213, 6.3645

Background



This preview shows how black text looks on a background with the XYZ color 23.5815, 26.0213, 6.3645.



This preview shows how white text looks on a background with the XYZ color 23.5815, 26.0213,

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

23.5815, 26.0213, 6.3645

Protanopia

23.5815, 26.0213, 6.3645

Deuteranopia

26.3975, 25.9955, 6.5321



Tritanopia

28.2339, 26.0482, 28.7390

Trichromacy



Original Color

23.5815, 26.0213, 6.3645

Protanomaly

23.5815, 26.0213, 6.3645

Deuteranomaly

25.2740, 26.0372, 6.4899

Tritanomaly

25.8246, 25.6679, 17.2290

Monochromacy



Original Color

23.5815, 26.0213, 6.3645

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.3578, 24.3184, 16.0859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5815, 26.0213, 6.3645 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(156, 140, 46)` looks like.

```
.text, #text, p{  
    color:rgb(156, 140, 46)  
}
```

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(156, 140, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 140, 46) }
```

Border

The CSS property to change the border of an element to XYZ 23.5815, 26.0213, 6.3645 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(156, 140, 46) }
```


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

```
.border{ border-color:rgb(156, 140, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 140, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 140, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 140, 46);  
box-shadow:4px 4px 4px 4px rgb(156, 140,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5815, 26.0213, 6.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 140, 46) }
```

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

```
.background{ background-color: rgb(156,  
140, 46) }
```

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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