

Converting Colors

XYZ(25.5648, 26.1326, 5.4378)

Have a look what the booklet for
XYZ(25.5648, 26.1326, 5.4378)
contains.

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Color

**XYZ(25.7157, 26.2879,
5.4690)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8825
RGB	170, 136, 37
RGB Percent	67%, 53%, 15%
CMY	0.3333, 0.4666, 0.8549
CMYK	0.00, 0.20, 0.78, 0.33
HSL	45°, 64%, 41%
HSV	45°, 78%, 67%
XYZ	25.7157, 26.2879, 5.4690
YIQ	134.8800, 52.0430, -23.5810

Conversions

Conversions Part 2

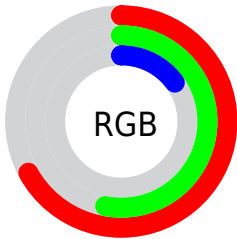
Format	Color
R_{YB}	83, 170, 37
Decimal	11175973
CIE Lab	58.31, 3.09, 54.33
CIE LCh	58, 54.415, 86.746
Yxy	26.2879, 0.4474, 0.4574
Android (android.graphics.Color)	4289366053 (0xFFAA8825)
YUV	134.8800, -48.2548, 30.8002
Hunter-Lab	51.2717, -0.1976, 29.5659

Details

The XYZ color **25.7157, 26.2879, 5.4690** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **10.2720, 7.8021, 38.9947**, and the grayscale version is **23.1451, 24.3504, 26.5176**.

A 20% lighter version of the original color is **52.3562, 53.7914, 17.2962**, and **10.3476, 10.3938, 1.4608** is the 20% darker color. If you saturate the color by 10%, you get **24.9089, 25.0067, 4.1759**, and if you desaturate by 10%, it is **26.6728, 27.6710, 7.4257**.

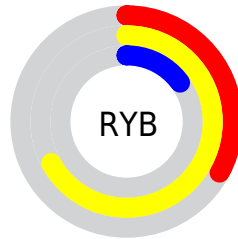
Distribution



Red (67%)

Green (53%)

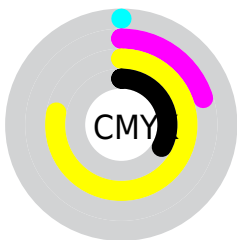
Blue (15%)



Red (33%)

Yellow (67%)

Blue (15%)

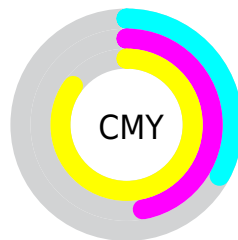


Cyan (0%)

Magenta (20%)

Yellow (78%)

Black (33%)



Cyan (33%)

Magenta (47%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7157, 26.2879, 5.4690 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 25.7157, 26.2879, 5.4690 by changing the saturation by 10% instead.

■ 25.7157, 26.2879,
5.4690

■ 25.7157, 26.2879,
5.4690

273.6660,
284.1925, 163.3719

■ 16.7426, 17.0391,
2.4615

■ 52.2505, 53.7390,
17.2766

■ 10.1453, 10.2624,
0.8196

■ 70.5430, 72.7102,
26.9138

■ 5.5584, 5.5733,
0.0000

■ 92.6726, 95.6910,
39.5979

■ 2.6166, 2.5874,
0.0000

■ 119.0048,
123.0657, 55.7475

■ 0.9544, 0.9203,
0.0000

■ 149.9049,
155.2189, 75.7812

■ 0.0000, 0.0000,
0.0000

■ 185.7382,

192.5348, 100.1175

226.8701,
235.3979, 129.1748

■ 25.7157, 26.2879,
5.4690

■ 25.7157, 26.2879,
5.4690

■ 24.9089, 25.0067,
4.1759

■ 26.6728, 27.6710,
7.4257

■ 24.2239, 23.8125,
3.4058

■ 27.7939, 29.1588,
10.1252

■ 24.1084, 23.6077,
3.2861

■ 29.0930, 30.7584,
13.6370

■ 30.5821, 32.4751,
18.0221

■ 32.2717, 34.3135,
23.3359

■ 34.1719, 36.2780,
29.6289

■ 36.2917, 38.3727,
36.9481

■ 38.6398, 40.6014,
45.3374

■ 41.2242, 42.9679,
54.8383

Harmonies

Analogous

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



32.6395, 26.2879, 7.6745



25.7157, 26.2879, 5.4690



19.6820, 26.2879, 6.8455

Triad

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



25.7157, 26.2879, 5.4690



15.2520, 26.2879, 48.3729



37.2194, 26.2879, 53.6407

Complementary

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



25.7157, 26.2879, 5.4690



10.2720, 7.8021, 38.9947

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.



31.1661, 26.2879, 75.1054



25.7157, 26.2879, 5.4690



18.6333, 26.2879, 71.2355

Square

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



25.7157, 26.2879, 5.4690



14.3066, 26.2879, 26.6024



24.2700, 26.2879, 82.6564



39.9780, 26.2879, 30.7435

Rectangle

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



25.7157, 26.2879, 5.4690



16.8114, 26.2879, 10.1999



24.2700, 26.2879, 82.6564



35.4555, 26.2879, 61.5923

Sweetspot

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



25.7163, 26.2892, 5.4695



60.1654, 63.9459, 47.6122



18.4243, 10.3434, 7.2369



13.1521, 13.9835, 9.7481



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.7163, 26.2892, 5.4695



44.2564, 43.7426, 6.5020



25.3507, 34.3692, 7.0484



7.9821, 8.4443, 7.9985



17.7808, 17.4589, 2.4328



0.4702, 0.4999, 0.0717

Inverse Universe

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



10.2720, 7.8021, 38.9947



15.3197, 9.3227, 69.9939



10.3038, 5.4559, 38.5402



7.2819, 7.6007, 9.5016



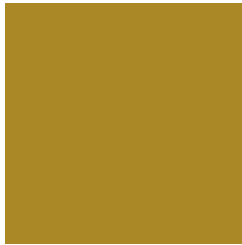
6.0243, 3.5087, 28.3352



0.1865, 0.1651, 0.7027

Previews

White Background



This preview shows how the XYZ color 25.7157, 26.2879, 5.4690 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 25.7157, 26.2879, 5.4690 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 25.7157, 26.2879, 5.4690

Background



This preview shows how black text looks on a background with the XYZ color 25.7157, 26.2879, 5.4690.



This preview shows how white text looks on a background with the XYZ color 25.7157, 26.2879,

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

25.7157, 26.2879, 5.4690

Protanopia

23.9753, 26.4588, 5.6771

Deuteranopia

26.6419, 26.1451, 5.4761



Tritanopia

30.2362, 26.3320, 27.1559

Trichromacy



Original Color

25.7157, 26.2879, 5.4690

Protanomaly

24.4828, 26.2866, 5.6172

Deuteranomaly

26.3305, 26.1888, 5.5009

Tritanomaly

27.7872, 25.9035, 15.8473

Monochromacy



Original Color

25.7157, 26.2879, 5.4690

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.1288, 24.5247, 15.3191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7157, 26.2879, 5.4690 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(170, 136, 37)` looks like.

```
.text, #text, p{  
    color:rgb(170, 136, 37)  
}
```

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(170, 136, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 136, 37) }
```

Border

The CSS property to change the border of an element to XYZ 25.7157, 26.2879, 5.4690 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(170, 136, 37) }
```


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

```
.border{ border-color:rgb(170, 136, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 136, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 136, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 136, 37);  
box-shadow:4px 4px 4px 4px rgb(170, 136,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7157, 26.2879, 5.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 136, 37) }
```

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

```
.background{ background-color: rgb(170,  
136, 37) }
```

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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