

Converting Colors

XYZ(25.7583, 25.3058, 4.5041)

Have a look what the booklet for
XYZ(25.7583, 25.3058, 4.5041)
contains.

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Color

**XYZ(25.7583, 25.3059,
4.5042)**

Conversions

Conversions Part 1

Format	Color
Hex	AE831A
RGB	174, 131, 26
RGB Percent	68%, 51%, 10%
CMY	0.3177, 0.4863, 0.8980
CMYK	0.00, 0.25, 0.85, 0.32
HSL	43°, 74%, 39%
HSV	43°, 85%, 68%
XYZ	25.7583, 25.3059, 4.5042
YIQ	131.8870, 59.3330, -23.5390

Conversions

Conversions Part 2

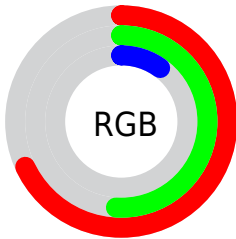
Format	Color
R_{YB}	87, 174, 26
Decimal	11436826
CIE _{Lab}	57.37, 7.31, 57.33
CIE _{LCh}	57, 57.798, 82.738
Yxy	25.3059, 0.4635, 0.4554
Android (android.graphics.Color)	4289626906 (0xFFAE831A)
YUV	131.8870, -52.2023, 36.9331
Hunter-Lab	50.3050, 3.3660, 29.9048

Details

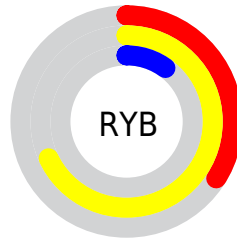
The XYZ color **25.7583, 25.3059, 4.5042** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **10.1941, 7.5317, 40.9605**, and the grayscale version is **22.0594, 23.2082, 25.2737**.

A 20% lighter version of the original color is **52.2300, 52.1987, 15.1071**, and **10.3534, 9.8165, 1.3491** is the 20% darker color. If you saturate the color by 10%, you get **24.9570, 23.9264, 3.5500**, and if you desaturate by 10%, it is **26.7115, 26.8012, 6.0899**.

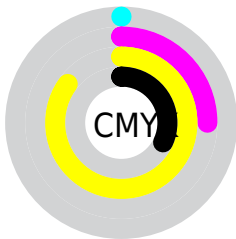
Distribution



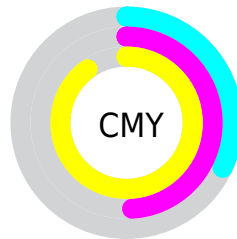
- Red (68%)
- Green (51%)
- Blue (10%)



- Red (34%)
- Yellow (68%)
- Blue (10%)



- Cyan (0%)
- Magenta (25%)
- Yellow (85%)
- Black (32%)



- Cyan (32%)
- Magenta (49%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7583, 25.3059, 4.5042 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 25.7583, 25.3059, 4.5042 by changing the saturation by 10% instead.

■ 25.7583, 25.3059,
4.5042

■ 25.7583, 25.3059,
4.5042

273.8721,
279.3579, 153.6747

■ 16.7746, 16.3051,
1.9058

■ 52.3189, 52.1530,
15.1568

■ 10.1683, 9.7403,
0.4964

■ 70.6265, 70.7682,
24.0482

■ 5.5738, 5.2271,
0.0000

■ 92.7728, 93.3569,
35.8743

■ 2.6259, 2.3811,
0.0000

■ 119.1231,
120.3036, 51.0537

■ 0.9592, 0.8162,
0.0000

■ 150.0428,
151.9927, 70.0048

■ 0.0000, 0.0000,
0.0000

■ 185.8974,

188.8085, 93.1464

227.0520,
231.1354, 120.8968

25.7583, 25.3059,
4.5042

25.7583, 25.3059,
4.5042

24.9570, 23.9264,
3.5500

26.7115, 26.8012,
6.0899

24.5943, 23.2765,
3.1966

27.8342, 28.4170,
8.4053

29.1429, 30.1617,
11.5320

30.6513, 32.0414,
15.5402

32.3717, 34.0618,
20.4925

■ 34.3152, 36.2279,
26.4457

■ 36.4923, 38.5447,
33.4523

■ 38.9124, 41.0165,
41.5608

■ 41.5848, 43.6477,
50.8170

Harmonies

Analogous

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



32.9529, 25.3059, 7.1011



25.7583, 25.3059, 4.5042



19.3071, 25.3059, 5.3378

Triad

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



25.7583, 25.3059, 4.5042



13.8250, 25.3059, 44.8808



36.1483, 25.3059, 57.3291

Complementary

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



25.7583, 25.3059, 4.5042



10.1941, 7.5317, 40.9605

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.



29.5180, 25.3059, 79.1245



25.7583, 25.3059, 4.5042



16.9191, 25.3059, 69.8658

Square

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



25.7583, 25.3059, 4.5042



13.1994, 25.3059, 23.0501



22.4237, 25.3059, 84.5623



39.6486, 25.3059, 32.6090

Rectangle

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



25.7583, 25.3059, 4.5042



16.1672, 25.3059, 8.0823



22.4237, 25.3059, 84.5623



34.1577, 25.3059, 65.6417

Sweetspot

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



25.7589, 25.3072, 4.5047



61.7245, 65.1461, 46.3392



18.9431, 10.1849, 6.8287



13.4474, 14.1796, 9.4592



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.7589, 25.3072, 4.5047



44.4109, 41.8190, 5.7312



26.8940, 36.3118, 6.5690



8.4632, 8.9311, 8.4912



17.8915, 16.9886, 2.3361



0.5417, 0.5606, 0.0797

Inverse Universe

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



10.1941, 7.5317, 40.9605



15.8024, 9.4317, 73.6245



9.6182, 4.6243, 40.4296



7.7614, 8.1222, 10.1114



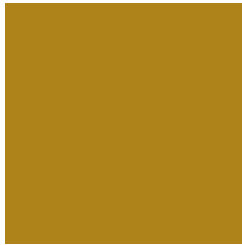
6.4312, 3.9962, 29.4769



0.2265, 0.2064, 0.8359

Previews

White Background



This preview shows how the XYZ color 25.7583, 25.3059, 4.5042 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 25.7583, 25.3059, 4.5042 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 25.7583, 25.3059, 4.5042

Background



This preview shows how black text looks on a background with the XYZ color 25.7583, 25.3059, 4.5042.



This preview shows how white text looks on a background with the XYZ color 25.7583, 25.3059,

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

25.7583, 25.3059, 4.5042

Protanopia

22.8156, 25.2294, 4.7658

Deuteranopia

25.7583, 25.3059, 4.5042



Tritanopia

29.8787, 25.2611, 24.7738

Trichromacy



Original Color

25.7583, 25.3059, 4.5042

Protanomaly

23.7621, 25.0885, 4.6271

Deuteranomaly

25.7583, 25.3059, 4.5042

Tritanomaly

27.6695, 24.9225, 13.7081

Monochromacy



Original Color

25.7583, 25.3059, 4.5042

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.2597, 23.4959, 13.7179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7583, 25.3059, 4.5042 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(174, 131, 26)` looks like.

```
.text, #text, p{  
    color:rgb(174, 131, 26)  
}
```

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(174, 131, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 131, 26) }
```

Border

The CSS property to change the border of an element to XYZ 25.7583, 25.3059, 4.5042 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(174, 131, 26) }
```


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

```
.border{ border-color:rgb(174, 131, 26) }
```

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

Here you see how a box with a 4 pixel rgb(174, 131, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 131, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 131, 26);  
box-shadow:4px 4px 4px 4px rgb(174, 131,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7583, 25.3059, 4.5042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 131, 26) }
```

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

```
.background{ background-color: rgb(174,  
131, 26) }
```

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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