

Converting Colors

XYZ(25.2589, 27.5174, 7.8510)

Have a look what the booklet for
XYZ(25.2589, 27.5174, 7.8510)
contains.

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Color

**XYZ(25.2589, 27.5174,
7.8510)**

Conversions

Conversions Part 1

Format	Color
Hex	A18F39
RGB	161, 143, 57
RGB Percent	63%, 56%, 22%
CMY	0.3686, 0.4392, 0.7765
CMYK	0.00, 0.11, 0.65, 0.37
HSL	50°, 48%, 43%
HSV	50°, 65%, 63%
XYZ	25.2589, 27.5174, 7.8510
YIQ	138.5780, 38.3340, -22.9300

Conversions

Conversions Part 2

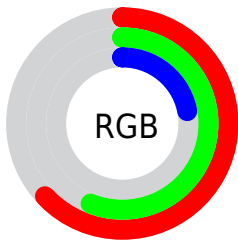
Format	Color
R_{YB}	79, 161, 57
Decimal	10587961
CIE _{Lab}	59.45, -3.76, 46.84
CIE _{LCh}	59, 46.993, 94.583
Yxy	27.5174, 0.4166, 0.4539
Android (android.graphics.Color)	4288778041 (0xFFA18F39)
YUV	138.5780, -40.2180, 19.6641
Hunter-Lab	52.4570, -5.8492, 27.8463

Details

The XYZ color **25.2589, 27.5174, 7.8510** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.6364, 8.4749, 34.7932**, and the grayscale version is **24.5183, 25.7951, 28.0909**.

A 20% lighter version of the original color is **51.3601, 55.4680, 22.1868**, and **9.8582, 10.8929, 1.5830** is the 20% darker color. If you saturate the color by 10%, you get **24.5064, 26.5566, 5.9232**, and if you desaturate by 10%, it is **26.1504, 28.5526, 10.4541**.

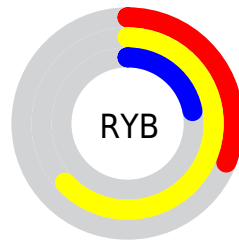
Distribution



Red (63%)

Green (56%)

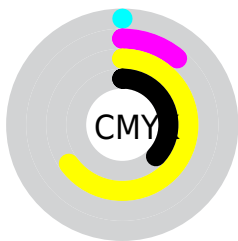
Blue (22%)



Red (31%)

Yellow (63%)

Blue (22%)

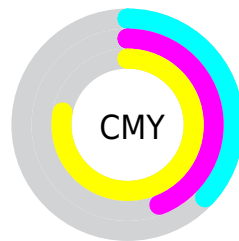


Cyan (0%)

Magenta (11%)

Yellow (65%)

Black (37%)



Cyan (37%)


Magenta (44%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2589, 27.5174, 7.8510 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 25.2589, 27.5174, 7.8510 by changing the saturation by 10% instead.


 25.2589, 27.5174,
7.8510


 25.2589, 27.5174,
7.8510


271.4488,
290.1536, 184.4494


 16.3998, 17.9622,
3.9133

 51.5168, 55.7130,
22.2072

 9.9001, 10.9228,
1.5779


 69.6463, 75.1222,
33.4627


 5.3946, 6.0150,
0.2750

 91.5967, 98.5849,
47.9947

 2.5177, 2.8542,
0.0000

 117.7333,
126.4853, 66.2216

 0.9042, 1.0561,
0.0000

 148.4214,
159.2081, 88.5620

 0.0000, 0.0000,
0.0000

 184.0265,

197.1374, 115.4344

224.9138,
240.6578, 147.2573

■ 25.2589, 27.5174,
7.8510

■ 25.2589, 27.5174,
7.8510

■ 24.5064, 26.5566,
5.9232

■ 26.1504, 28.5526,
10.4541

■ 23.8785, 25.6610,
4.6031

■ 27.1900, 29.6627,
13.7882

■ 23.3603, 24.8257,
3.8105

■ 28.3882, 30.8531,
17.9053

■ 23.1047, 24.3907,
3.4901

■ 29.7538, 32.1274,
22.8518

■ 31.2951, 33.4891,
28.6709

■ 33.0197, 34.9413,
35.4025

■ 34.9349, 36.4871,
43.0841

■ 37.0474, 38.1292,
51.7512

■ 39.3637, 39.8703,
61.4374

Harmonies

Analogous

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



31.3287, 27.5174, 9.1623



25.2589, 27.5174, 7.8510



20.2325, 27.5174, 10.3912

Triad

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



25.2589, 27.5174, 7.8510



17.8865, 27.5174, 52.4295



37.7895, 27.5174, 46.1705

Complementary

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



25.2589, 27.5174, 7.8510



10.6364, 8.4749, 34.7932

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.



33.1321, 27.5174, 65.4339



25.2589, 27.5174, 7.8510



21.5839, 27.5174, 69.8993

Square

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



25.2589, 27.5174, 7.8510



16.4026, 27.5174, 32.6321



27.0709, 27.5174, 75.3824



39.1620, 27.5174, 27.4413

Rectangle

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



25.2589, 27.5174, 7.8510



17.9600, 27.5174, 14.8089



27.0709, 27.5174, 75.3824



36.5251, 27.5174, 52.9934

Sweetspot

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



25.2595, 27.5187, 7.8516



54.6926, 58.7954, 46.1850



17.4680, 11.0263, 8.0576



11.8342, 12.7519, 9.5250



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.2595, 27.5187, 7.8516



43.3152, 46.7655, 9.3287



22.3955, 30.3794, 8.5547



7.5447, 8.0278, 7.5320



18.4793, 19.5326, 2.7962



0.4141, 0.4621, 0.0674

Inverse Universe

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



10.6364, 8.4749, 34.7932



15.1115, 10.1167, 61.5428



12.1063, 7.6701, 34.5604



6.7950, 7.0489, 8.9055



5.4887, 2.7569, 27.1726



0.1415, 0.1102, 0.5797

Previews

White Background



This preview shows how the XYZ color 25.2589, 27.5174, 7.8510 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 25.2589, 27.5174, 7.8510 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 25.2589, 27.5174, 7.8510

Background



This preview shows how black text looks on a background with the XYZ color 25.2589, 27.5174, 7.8510.



This preview shows how white text looks on a background with the XYZ color 25.2589, 27.5174,

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

25.2589, 27.5174, 7.8510

Protanopia

25.0582, 27.4139, 7.8416

Deuteranopia

27.9537, 27.3891, 7.9510



Tritanopia

29.7076, 27.3886, 30.1063

Trichromacy



Original Color

25.2589, 27.5174, 7.8510

Protanomaly

25.0582, 27.4139, 7.8416

Deuteranomaly

27.0096, 27.5414, 7.8954

Tritanomaly

27.3873, 27.0605, 19.1090

Monochromacy



Original Color

25.2589, 27.5174, 7.8510

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1710, 26.0633, 18.2248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2589, 27.5174, 7.8510 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(161, 143, 57)` looks like.

```
.text, #text, p{  
    color:rgb(161, 143, 57)  
}
```

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(161, 143, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 143, 57) }
```

Border

The CSS property to change the border of an element to XYZ 25.2589, 27.5174, 7.8510 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(161, 143, 57) }
```


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

```
.border{ border-color:rgb(161, 143, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 143, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 143, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 143, 57);  
box-shadow:4px 4px 4px 4px rgb(161, 143,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2589, 27.5174, 7.8510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 143, 57) }
```

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

```
.background{ background-color: rgb(161,  
143, 57) }
```

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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