

Converting Colors

XYZ(25.2199, 28.6820, 5.9625)

Have a look what the booklet for
XYZ(25.2199, 28.6820, 5.9625)
contains.

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Color

**XYZ(25.2219, 28.6843,
5.9576)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9425
RGB	159, 148, 37
RGB Percent	62%, 58%, 15%
CMY	0.3765, 0.4196, 0.8549
CMYK	0.00, 0.07, 0.77, 0.38
HSL	55°, 62%, 38%
HSV	55°, 77%, 62%
XYZ	25.2219, 28.6843, 5.9576
YIQ	138.6350, 42.1870, -32.1890

Conversions

Conversions Part 2

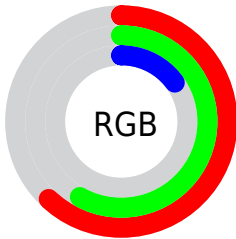
Format	Color
R_{YB}	49, 159, 37
Decimal	10458149
CIE Lab	60.50, -8.45, 55.97
CIE LCh	61, 56.606, 98.581
Yxy	28.6843, 0.4213, 0.4792
Android (android.graphics.Color)	4288648229 (0xFF9F9425)
YUV	138.6350, -50.1061, 17.8601
Hunter-Lab	53.5577, -9.6651, 30.8952

Details

The XYZ color **25.2219, 28.6843, 5.9576** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.0780, 5.0105, 33.3420**, and the grayscale version is **24.5761, 25.8559, 28.1571**.

A 20% lighter version of the original color is **51.6241, 57.7481, 18.3231**, and **10.0766, 11.6784, 1.7231** is the 20% darker color. If you saturate the color by 10%, you get **24.8015, 28.1598, 4.8428**, and if you desaturate by 10%, it is **25.7552, 29.2606, 7.6471**.

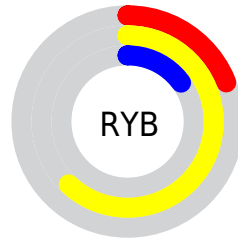
Distribution



Red (62%)

Green (58%)

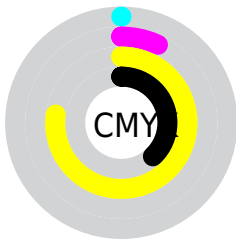
Blue (15%)



Red (19%)

Yellow (62%)

Blue (15%)

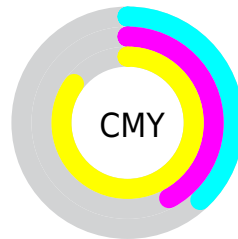


Cyan (0%)

Magenta (7%)

Yellow (77%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2219, 28.6843, 5.9576 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 25.2219, 28.6843, 5.9576 by changing the saturation by 10% instead.

■ 25.2219, 28.6843,
5.9576

■ 25.2219, 28.6843,
5.9576

271.2685,
295.7225, 167.9851

■ 16.3721, 18.8421,
2.7509

■ 51.4573, 57.5751,
18.3190

■ 9.8803, 11.5563,
0.9689

■ 69.5735, 77.3926,
28.3108

■ 5.3813, 6.4423,
0.0000

■ 91.5093, 101.3039,
41.4014

■ 2.5097, 3.1158,
0.0000

■ 117.6300,
129.6935, 58.0093

■ 0.9002, 1.1925,
0.0000

■ 148.3009,
162.9457, 78.5531

■ 0.0000, 0.0556,
0.0000

■ 183.8874,

■ 0.0000, 0.0000,

201.4451, 103.4513

0.0000

224.7548,
245.5758, 133.1224

■ 25.2219, 28.6843,
5.9576

■ 25.2219, 28.6843,
5.9576

■ 24.8015, 28.1598,
4.8428

■ 25.7552, 29.2606,
7.6471

■ 24.4730, 27.6754,
4.2015

■ 26.4118, 29.8896,
9.9757

■ 24.3729, 27.5207,
4.0274

■ 27.2035, 30.5772,
13.0012

■ 28.1397, 31.3270,
16.7742

■ 29.2294, 32.1427,
21.3409

■ 30.4804, 33.0276,
26.7437

■ 31.9003, 33.9845,
33.0218

■ 33.4961, 35.0163,
40.2122

■ 35.2745, 36.1257,
48.3496

Harmonies

Analogous

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



32.7192, 28.6843, 6.7625



25.2219, 28.6843, 5.9576



19.4116, 28.6843, 9.1647

Triad

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



25.2219, 28.6843, 5.9576



17.6947, 28.6843, 63.6182



42.5343, 28.6843, 48.3386

Complementary

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



25.2219, 28.6843, 5.9576



8.0780, 5.0105, 33.3420

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.



36.9902, 28.6843, 74.3913



25.2219, 28.6843, 5.9576



22.4509, 28.6843, 85.6128

Square

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



25.2219, 28.6843, 5.9576



15.6035, 28.6843, 37.6242



29.4125, 28.6843, 90.2522



43.6367, 28.6843, 25.6088

Rectangle

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



25.2219, 28.6843, 5.9576



16.9513, 28.6843, 14.6104



29.4125, 28.6843, 90.2522



41.0863, 28.6843, 57.2333

Sweetspot

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



25.2226, 28.6857, 5.9582



53.0519, 58.0725, 41.2337



15.5184, 8.9178, 3.8318



11.7951, 12.9732, 8.5887



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.



25.2226, 28.6857, 5.9582



43.9929, 49.8173, 7.8080



19.1876, 28.2576, 6.1936



7.1190, 7.6181, 7.0809



19.2664, 21.7684, 3.1863



0.3579, 0.4161, 0.0614

Inverse Universe

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



8.0780, 5.0105, 33.3420



11.9924, 5.7220, 59.2158



10.7393, 5.7957, 33.3533



6.3304, 6.5266, 8.3328



5.0851, 2.2617, 26.0758



0.1033, 0.0653, 0.4704

Previews

White Background



This preview shows how the XYZ color 25.2219, 28.6843, 5.9576 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 25.2219, 28.6843, 5.9576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

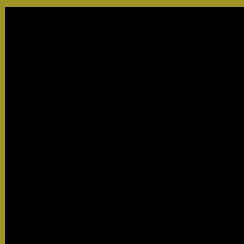
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2219, 28.6843, 5.9576

Background



This preview shows how black text looks on a background with the XYZ color 25.2219, 28.6843, 5.9576.



This preview shows how white text looks on a background with the XYZ color 25.2219, 28.6843,

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

25.2219, 28.6843, 5.9576

Protanopia

25.9227, 28.5839, 5.9012

Deuteranopia

29.1613, 28.6926, 6.0991



Tritanopia

30.6617, 28.6717, 32.3519

Trichromacy



Original Color

25.2219, 28.6843, 5.9576

Protanomaly

25.6679, 28.6824, 5.9337

Deuteranomaly

27.5116, 28.4979, 6.0581

Tritanomaly

27.8968, 28.4280, 18.2042

Monochromacy



Original Color

25.2219, 28.6843, 5.9576

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.9253, 26.4163, 16.4082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2219, 28.6843, 5.9576 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(159, 148, 37)` looks like.

```
.text, #text, p{  
    color:rgb(159, 148, 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(159, 148, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 148, 37) }
```

Border

The CSS property to change the border of an element to XYZ 25.2219, 28.6843, 5.9576 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(159, 148, 37) }
```


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

```
.border{ border-color:rgb(159, 148, 37) }
```

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

Here you see how a box with a 4 pixel rgb(159, 148, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 148, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 148, 37);  
box-shadow:4px 4px 4px 4px rgb(159, 148,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2219, 28.6843, 5.9576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 148, 37) }
```

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

```
.background{ background-color: rgb(159,  
148, 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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