

Converting Colors

XYZ(24.3799, 29.3949, 8.2209)

Have a look what the booklet for
XYZ(24.3799, 29.3949, 8.2209)
contains.

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Color

**XYZ(24.3425, 29.3738,
8.2576)**

Conversions

Conversions Part 1

Format	Color
Hex	949939
RGB	148, 153, 57
RGB Percent	58%, 60%, 22%
CMY	0.4196, 0.4000, 0.7765
CMYK	0.03, 0.00, 0.63, 0.40
HSL	63°, 46%, 41%
HSV	63°, 63%, 60%
XYZ	24.3425, 29.3738, 8.2576
YIQ	140.5610, 27.8360, -30.9160

Conversions

Conversions Part 2

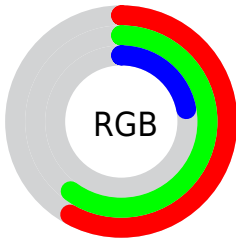
Format	Color
RYB	57, 153, 62
Decimal	9738553
CIELab	61.11, -14.85, 48.29
CIELCh	61, 50.522, 107.088
Yxy	29.3738, 0.3928, 0.4740
Android (android.graphics.Color)	4287928633 (0xFF949939)
YUV	140.5610, -41.1956, 6.5240
Hunter-Lab	54.1976, -14.6737, 28.9048

Details

The XYZ color **24.3425, 29.3738, 8.2576** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.2005, 6.2510, 30.8605**, and the grayscale version is **25.2946, 26.6119, 28.9804**.

A 20% lighter version of the original color is **49.9750, 58.5671, 23.1386**, and **9.3675, 11.8824, 1.7998** is the 20% darker color. If you saturate the color by 10%, you get **23.8734, 29.1706, 6.5349**, and if you desaturate by 10%, it is **24.9290, 29.6262, 10.5874**.

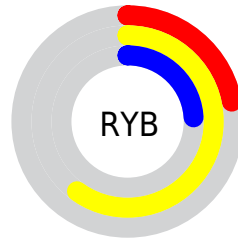
Distribution



Red (58%)

Green (60%)

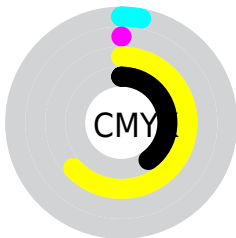
Blue (22%)



Red (22%)

Yellow (60%)

Blue (24%)

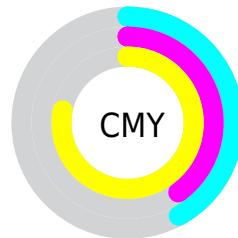


Cyan (3%)

Magenta (0%)

Yellow (63%)

Black (40%)



Cyan (42%)


Magenta (40%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3425, 29.3738, 8.2576 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 24.3425, 29.3738, 8.2576 by changing the saturation by 10% instead.


 24.3425, 29.3738,
8.2576


 24.3425, 29.3738,
8.2576


266.9560,
298.9746, 187.7482


 15.7140, 19.3638,
4.1701


 50.0392, 58.6705,
23.0164


 9.4116, 11.9334,
1.7191


 67.8380, 78.7259,
34.5247


 5.0698, 6.6984,
0.3738


 89.4244, 102.8986,
49.3437

 2.3235, 3.2742,
0.0000

 115.1636,
131.5729, 67.8920

 0.8066, 1.2765,
0.0000

 145.4210,
165.1333, 90.5880

 0.0000, 0.1229,
0.0000

 180.5619,

 0.0000, 0.0000,

203.9641, 117.8504

0.0000

220.9518,
248.4497, 150.0976

■ 24.3425, 29.3738,
8.2576

■ 24.3425, 29.3738,
8.2576

■ 23.8734, 29.1706,
6.5349

■ 24.9290, 29.6262,
10.5874

■ 23.5090, 29.0084,
5.3611

■ 25.6402, 29.9275,
13.5719

■ 23.2372, 28.8833,
4.6700

■ 26.4853, 30.2825,
17.2559

■ 23.0739, 28.8061,
4.3440

■ 27.4719, 30.6942,
21.6800

■ 28.6071, 31.1655,
26.8814

■ 29.8976, 31.6990,
32.8951

■ 31.3495, 32.2972,
39.7537

■ 32.9687, 32.9624,
47.4883

■ 34.7609, 33.6969,
56.1281

Harmonies

Analogous

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



30.8615, 29.3738, 7.9819



24.3425, 29.3738, 8.2576



19.5940, 29.3738, 13.0266

Triad

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



24.3425, 29.3738, 8.2576



20.1166, 29.3738, 66.8099



42.2579, 29.3738, 40.8421

Complementary

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



24.3425, 29.3738, 8.2576



9.2005, 6.2510, 30.8605

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.



38.3201, 29.3738, 63.7865



24.3425, 29.3738, 8.2576



25.1696, 29.3738, 82.3126

Square

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



24.3425, 29.3738, 8.2576



17.4320, 29.3738, 43.9380



31.8295, 29.3738, 81.0278



41.9421, 29.3738, 22.4209

Rectangle

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



24.3425, 29.3738, 8.2576



17.7572, 29.3738, 19.7844



31.8295, 29.3738, 81.0278



41.3645, 29.3738, 48.3820

Sweetspot

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



24.3432, 29.3752, 8.2582



49.8507, 55.2388, 41.8034



15.5882, 10.4920, 5.0748



10.8941, 12.1501, 8.7141



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.3432, 29.3752, 8.2582



42.4871, 52.1211, 10.8077



17.4086, 25.8002, 7.9337



6.6771, 7.2065, 6.6449



19.0778, 23.8109, 3.5904



0.2936, 0.3603, 0.0541

Inverse Universe

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



9.2005, 6.2510, 30.8605



13.1422, 7.2613, 54.6809



13.6194, 8.5290, 31.0673



5.9128, 6.0409, 7.7833



4.8436, 1.9480, 25.0284



0.0794, 0.0327, 0.3745

Previews

White Background



This preview shows how the XYZ color 24.3425, 29.3738, 8.2576 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 24.3425, 29.3738, 8.2576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

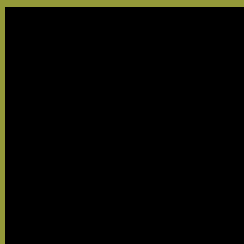
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.3425, 29.3738, 8.2576

Background



This preview shows how black text looks on a background with the XYZ color 24.3425, 29.3738, 8.2576.



This preview shows how white text looks on a background with the XYZ color 24.3425, 29.3738,

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

24.3425, 29.3738, 8.2576

Protanopia

26.5893, 29.3482, 7.8778

Deuteranopia

29.7488, 29.1604, 8.4755



Tritanopia

29.6435, 29.1796, 35.0802

Trichromacy



Original Color

24.3425, 29.3738, 8.2576

Protanomaly

25.7207, 29.3673, 8.0542

Deuteranomaly

27.5186, 29.1231, 8.4459

Tritanomaly

27.0899, 29.0694, 21.6359

Monochromacy



Original Color

24.3425, 29.3738, 8.2576

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.4415, 27.3059, 18.7342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3425, 29.3738, 8.2576 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(148, 153, 57)` looks like.

```
.text, #text, p{  
    color:rgb(148, 153, 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(148, 153, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 153, 57) }
```

Border

The CSS property to change the border of an element to XYZ 24.3425, 29.3738, 8.2576 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(148, 153, 57) }
```


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

```
.border{ border-color:rgb(148, 153, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 153, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 153, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 153, 57);  
box-shadow:4px 4px 4px 4px rgb(148, 153,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3425, 29.3738, 8.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 153, 57) }
```

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

```
.background{ background-color: rgb(148,  
153, 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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