

Converting Colors

XYZ(24.0368, 28.6448, 8.6164)

Have a look what the booklet for
XYZ(24.0368, 28.6448, 8.6164)
contains.

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Color

**XYZ(24.1217, 28.7660,
8.6959)**

Conversions

Conversions Part 1

Format	Color
Hex	94973D
RGB	148, 151, 61
RGB Percent	58%, 59%, 24%
CMY	0.4196, 0.4078, 0.7608
CMYK	0.02, 0.00, 0.60, 0.41
HSL	62°, 42%, 42%
HSV	62°, 60%, 59%
XYZ	24.1217, 28.7660, 8.6959
YIQ	139.8430, 27.1020, -28.6260

Conversions

Conversions Part 2

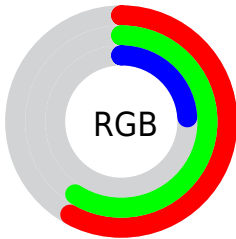
Format	Color
RYB	61, 151, 64
Decimal	9738045
CIELab	60.57, -13.50, 45.90
CIELCh	61, 47.841, 106.391
Yxy	28.7660, 0.3917, 0.4671
Android (android.graphics.Color)	4287928125 (0xFF94973D)
YUV	139.8430, -38.8696, 7.1537
Hunter-Lab	53.6339, -13.5796, 27.9308

Details

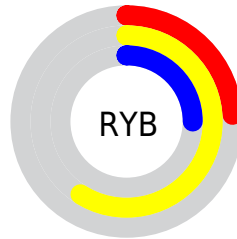
The XYZ color **24.1217, 28.7660, 8.6959** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.3699, 6.6624, 30.0719**, and the grayscale version is **25.0057, 26.3079, 28.6493**.

A 20% lighter version of the original color is **49.6578, 57.6699, 23.8434**, and **9.2984, 11.5560, 1.8553** is the 20% darker color. If you saturate the color by 10%, you get **23.6803, 28.5800, 6.8431**, and if you desaturate by 10%, it is **24.6795, 29.0007, 11.1532**.

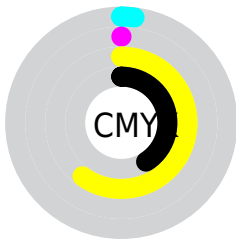
Distribution



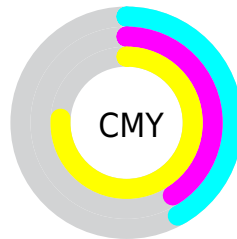
- Red (58%)
- Green (59%)
- Blue (24%)



- Red (24%)
- Yellow (59%)
- Blue (25%)



- Cyan (2%)
- Magenta (0%)
- Yellow (60%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1217, 28.7660, 8.6959 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 24.1217, 28.7660, 8.6959 by changing the saturation by 10% instead.

■ 24.1217, 28.7660,
8.6959

■ 24.1217, 28.7660,
8.6959

265.8642,
296.1093, 191.2266

■ 15.5491, 18.9039,
4.4493

■ 49.6820, 57.7051,
23.8801

■ 9.2945, 11.6008,
1.8749

■ 67.4004, 77.5509,
35.6548

■ 4.9924, 6.4725,
0.4767

■ 88.8981, 101.4933,
50.7759

■ 2.2775, 3.1345,
0.0000

■ 114.5405,
129.9168, 69.6619

■ 0.7831, 1.2023,
0.0000

■ 144.6930,
163.2057, 92.7315

■ 0.0000, 0.0636,
0.0000

■ 179.7209,

■ 0.0000, 0.0000,

201.7445, 120.4031

0.0000

219.9895,
245.9176, 153.0953

■ 24.1217, 28.7660,
8.6959

■ 24.1217, 28.7660,
8.6959

■ 23.6803, 28.5800,
6.8431

■ 24.6795, 29.0007,
11.1532

■ 23.3432, 28.4347,
5.5408

■ 25.3602, 29.2836,
14.2592

■ 23.0996, 28.3268,
4.7287

■ 26.1726, 29.6192,
18.0562

■ 22.9218, 28.2453,
4.2610

■ 27.1239, 30.0104,
22.5823

■ 22.9149, 28.2422,
4.2435

■ 28.2207, 30.4599,
27.8729

■ 29.4693, 30.9701,
33.9610

■ 30.8757, 31.5435,
40.8777

■ 32.4455, 32.1823,
48.6524

■ 34.1839, 32.8886,
57.3133

Harmonies

Analogous

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



30.2351, 28.7660, 8.5151



24.1217, 28.7660, 8.6959



19.6048, 28.7660, 13.2172

Triad

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



24.1217, 28.7660, 8.6959



19.9335, 28.7660, 63.0086



40.6005, 28.7660, 40.0354

Complementary

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



24.1217, 28.7660, 8.6959



9.3699, 6.6624, 30.0719

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.



36.8845, 28.7660, 61.1645



24.1217, 28.7660, 8.6959



24.6381, 28.7660, 77.4371

Square

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



24.1217, 28.7660, 8.6959



17.4480, 28.7660, 41.9453



30.8352, 28.7660, 76.6576



40.4064, 28.7660, 22.6622

Rectangle

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



24.1217, 28.7660, 8.6959



17.8303, 28.7660, 19.5681



30.8352, 28.7660, 76.6576



39.7458, 28.7660, 47.0324

Sweetspot

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



24.1224, 28.7673, 8.6965



48.8024, 53.8362, 41.5407



15.4391, 10.5837, 5.6444



10.9794, 12.1900, 8.9016



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.



24.1224, 28.7673, 8.6965



42.1532, 51.0720, 11.2478



17.5035, 25.3552, 8.3867



6.6885, 7.2124, 6.6455



19.4982, 24.0276, 3.6101



0.2969, 0.3620, 0.0542

Inverse Universe

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



9.3699, 6.6624, 30.0719



13.2140, 7.6830, 53.2202



13.5622, 8.8237, 30.2681



5.9026, 6.0357, 7.7829



4.8107, 1.9310, 25.0269



0.0764, 0.0312, 0.3744

Previews

White Background



This preview shows how the XYZ color 24.1217, 28.7660, 8.6959 looks on a white background.

Color Contrast Check

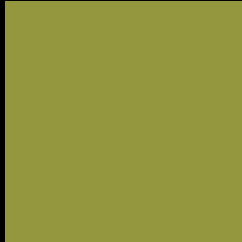
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1217, 28.7660, 8.6959 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 24.1217, 28.7660, 8.6959

Background



This preview shows how black text looks on a background with the XYZ color 24.1217, 28.7660, 8.6959.



This preview shows how white text looks on a background with the XYZ color 24.1217, 28.7660,

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

24.1217, 28.7660, 8.6959

Protanopia

26.1988, 28.6705, 8.4281

Deuteranopia

29.2428, 28.6706, 8.9938



Tritanopia

29.3274, 28.8140, 34.1529

Trichromacy



Original Color

24.1217, 28.7660, 8.6959

Protanomaly

25.5061, 28.7752, 8.4848

Deuteranomaly

27.1101, 28.4501, 8.9131

Tritanomaly

26.8420, 28.4769, 21.8512

Monochromacy



Original Color

24.1217, 28.7660, 8.6959

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.1702, 26.9339, 18.9638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1217, 28.7660, 8.6959 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, 151, 61)` looks like.

```
.text, #text, p{  
    color:rgb(148, 151, 61)  
}
```

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, 151, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 151, 61) }
```

Border

The CSS property to change the border of an element to XYZ 24.1217, 28.7660, 8.6959 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, 151, 61) }
```


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

```
.border{ border-color:rgb(148, 151, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 151, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 151, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 151, 61);  
box-shadow:4px 4px 4px 4px rgb(148, 151,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1217, 28.7660, 8.6959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 151, 61) }
```

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

```
.background{ background-color: rgb(148,  
151, 61) }
```

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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