

Converting Colors

XYZ(24.3794, 25.8995, 27.2319)

Have a look what the booklet for
XYZ(24.3794, 25.8995, 27.2319)
contains.

XYZ(24.3747, 25.9656, 27.3941)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.3747, 25.9656,
27.3941)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8C89
RGB	138, 140, 137
RGB Percent	54%, 55%, 54%
CMY	0.4588, 0.4510, 0.4627
CMYK	0.01, 0.00, 0.02, 0.45
HSL	100°, 1%, 54%
HSV	100°, 2%, 55%
XYZ	24.3747, 25.9656, 27.3941
YIQ	139.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

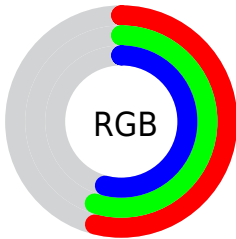
Format	Color
R_{YB}	137, 140, 139
Decimal	9079945
CIE Lab	58.00, -1.32, 1.33
CIE LCh	58, 1.876, 134.654
Yxy	25.9656, 0.3136, 0.3340
Android (android.graphics.Color)	4287270025 (0xFF8A8C89)
YUV	139.0600, -1.0156, -0.9296
Hunter-Lab	50.9565, -3.7894, 3.7953

Details

The XYZ color **24.3747, 25.9656, 27.3941** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3277, 25.2744, 28.4085**, and the grayscale version is **24.5682, 25.8476, 28.1481**.

A 20% lighter version of the original color is **50.0719, 53.3776, 56.3790**, and **9.4010, 10.0752, 10.4660** is the 20% darker color. If you saturate the color by 10%, you get **21.9560, 24.8281, 22.3742**, and if you desaturate by 10%, it is **27.0580, 27.2260, 33.1078**.

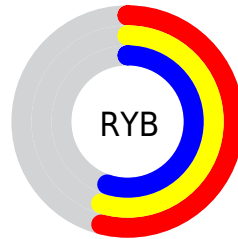
Distribution



Red (54%)

Green (55%)

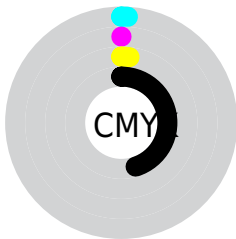
Blue (54%)



Red (54%)

Yellow (55%)

Blue (55%)

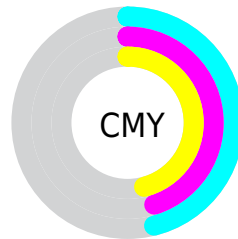


Cyan (1%)

Magenta (0%)

Yellow (2%)

Black (45%)



Cyan (46%)

Magenta (45%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3747, 25.9656, 27.3941 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 24.3747, 25.9656, 27.3941 by changing the saturation by 10% instead.

■ 24.3747, 25.9656,
27.3941

■ 24.3747, 25.9656,
27.3941

267.1149,
282.6132, 303.3806

■ 15.7380, 16.7979,
17.6344

■ 50.0912, 53.2194,
56.5270

■ 9.4286, 10.0905,
10.5211

■ 67.9018, 72.0744,
76.7373

■ 5.0812, 5.4590,
5.6357

■ 89.5010, 94.9272,
101.2682

■ 2.3302, 2.5190,
2.5597

115.2543,
122.1623, 130.5382

■ 0.8101, 0.8861,
0.8715

145.5270,
154.1640, 164.9659

■ 0.0000, 0.0000,
0.0000

180.6844,

191.3168, 204.9699

221.0919,
234.0051, 250.9686

■ 24.3747, 25.9656,
27.3941

■ 24.3747, 25.9656,
27.3941

■ 21.9560, 24.8281,
22.3742

■ 27.0580, 27.2260,
33.1078

■ 19.7916, 23.8064,
18.0201

■ 30.0117, 28.6094,
39.5385

■ 17.8732, 22.8977,
14.3042

■ 33.2441, 30.1203,
46.7106

■ 16.1917, 22.0979,
11.1964

■ 36.7624, 31.7621,
54.6466

■ 14.7371, 21.4026,
8.6645

■ 40.5737, 33.5378,
63.3682

■ 13.4989, 20.8070,
6.6727

■ 44.6847, 35.4504,
72.8963

■ 12.4652, 20.3061,
5.1818

■ 49.1019, 37.5030,
83.2508

■ 11.6233, 19.8941,
4.1469

■ 53.8316, 39.6982,
94.4510

■ 10.9584, 19.5646,
3.5153

■ 57.5641, 41.5126,
99.5865

Harmonies

Analogous

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



24.5695, 25.9656, 27.0825



24.3747, 25.9656, 27.3941



24.2619, 25.9656, 27.9433

Triad

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



24.3747, 25.9656, 27.3941



24.5644, 25.9656, 29.4921



25.1033, 25.9656, 27.9578

Complementary

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



24.3747, 25.9656, 27.3941



24.3277, 25.2744, 28.4085

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.



25.1019, 25.9656, 28.6035



24.3747, 25.9656, 27.3941



24.7899, 25.9656, 29.4961

Square

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



24.3747, 25.9656, 27.3941



24.3710, 25.9656, 29.1578



24.9869, 25.9656, 29.1687



24.9906, 25.9656, 27.4045

Rectangle

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



24.3747, 25.9656, 27.3941



24.2480, 25.9656, 28.3734



24.9869, 25.9656, 29.1687



25.1162, 25.9656, 28.1710

Sweetspot

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



24.3754, 25.9667, 27.3947



43.4807, 46.0169, 49.3654



24.5642, 25.8479, 27.3618



10.0260, 10.6067, 11.3897



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



24.3754, 25.9667, 27.3947



42.5618, 45.5850, 47.4322



24.2467, 25.8962, 27.5765



5.4208, 5.8261, 6.0079



9.3787, 17.2049, 2.8266



0.0766, 0.1217, 0.0194

Inverse Universe

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



24.3277, 25.2744, 28.4085



42.4424, 43.8520, 49.9703



24.4587, 25.3462, 28.2225



5.4026, 5.5620, 6.3947



8.2719, 3.7784, 22.3390



0.0705, 0.0331, 0.1491

Previews

White Background



This preview shows how the XYZ color 24.3747, 25.9656, 27.3941 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 24.3747, 25.9656, 27.3941 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 24.3747, 25.9656, 27.3941

Background



This preview shows how black text looks on a background with the XYZ color 24.3747, 25.9656, 27.3941.



This preview shows how white text looks on a background with the XYZ color 24.3747, 25.9656,

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

24.3747, 25.9656, 27.3941

Protanopia

24.8319, 25.9936, 27.0010

Deuteranopia

26.3883, 25.9352, 27.6599



Tritanopia

25.3285, 25.9223, 32.1023

Trichromacy



Original Color

24.3747, 25.9656, 27.3941

Protanomaly

24.6611, 25.9055, 26.9930

Deuteranomaly

25.7458, 26.0222, 27.7106

Tritanomaly

24.9909, 25.9985, 30.4891

Monochromacy



Original Color

24.3747, 25.9656, 27.3941

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4675, 25.7892, 27.7330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3747, 25.9656, 27.3941 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(138, 140, 137)` looks like.

```
.text, #text, p{  
    color:rgb(138, 140, 137)  
}
```

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(138, 140, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 140, 137) }
```

Border

The CSS property to change the border of an element to XYZ 24.3747, 25.9656, 27.3941 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(138, 140, 137) }
```


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

```
.border{ border-color:rgb(138, 140, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 140, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 140, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 140, 137); box-shadow:4px 4px 4px 4px rgb(138, 140, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3747, 25.9656, 27.3941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 140, 137) }
```

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

```
.background{ background-color: rgb(138,  
140, 137) }
```

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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