

Converting Colors

XYZ(24.5522, 25.0950, 28.0048)

Have a look what the booklet for
XYZ(24.5522, 25.0950, 28.0048)
contains.

XYZ(24.6197, 25.2232, 27.9971)	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(24.6197, 25.2232,
27.9971)**

Conversions

Conversions Part 1

Format	Color
Hex	8E888B
RGB	142, 136, 139
RGB Percent	56%, 53%, 55%
CMY	0.4431, 0.4667, 0.4549
CMYK	0.00, 0.04, 0.02, 0.44
HSL	330°, 3%, 55%
HSV	330°, 4%, 56%
XYZ	24.6197, 25.2232, 27.9971
YIQ	138.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

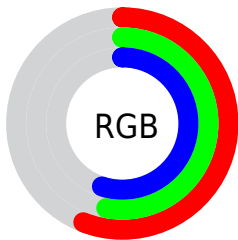
Format	Color
R_{YB}	142, 136, 139
Decimal	9341067
CIE Lab	57.29, 2.81, -0.81
CIE LCh	57, 2.927, 343.877
Yxy	25.2232, 0.3163, 0.3240
Android (android.graphics.Color)	4287531147 (0xFF8E888B)
YUV	138.1360, 0.4260, 3.3887
Hunter-Lab	50.2227, -0.3871, 2.1041

Details

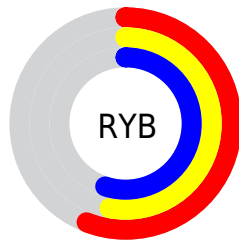
The XYZ color **24.6197, 25.2232, 27.9971** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4875, 26.4450, 28.2411**, and the grayscale version is **24.2077, 25.4684, 27.7351**.

A 20% lighter version of the original color is **50.4770, 51.9367, 57.2335**, and **9.5446, 9.6522, 10.8112** is the 20% darker color. If you saturate the color by 10%, you get **22.2488, 21.2849, 24.7291**, and if you desaturate by 10%, it is **27.2907, 29.7072, 31.5322**.

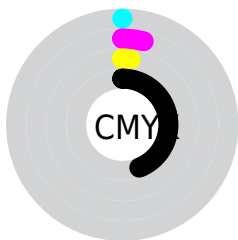
Distribution



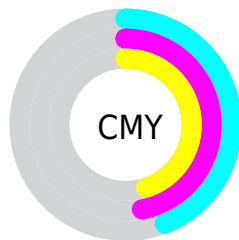
- Red (56%)
- Green (53%)
- Blue (55%)



- Red (56%)
- Yellow (53%)
- Blue (55%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (44%)



- Cyan (44%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6197, 25.2232, 27.9971 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 24.6197, 25.2232, 27.9971 by changing the saturation by 10% instead.

■ 24.6197, 25.2232,
27.9971

■ 24.6197, 25.2232,
27.9971

268.3214,
278.9477, 306.3646

■ 15.9212, 16.2434,
18.0845

■ 50.4869, 52.0191,
57.5029

■ 9.5589, 9.6966,
10.8406

■ 68.3864, 70.6040,
77.9330

■ 5.1675, 5.1982,
5.8469

■ 90.0834, 93.1594,
102.7062

■ 2.3816, 2.3640,
2.6849

115.9436,
120.0697, 132.2407

■ 0.8359, 0.8073,
0.9358

146.3321,
151.7193, 166.9553

■ 0.0000, 0.0000,
0.0000

181.6143,

188.4925, 207.2685

222.1556,
230.7739, 253.5987

■ 24.6197, 25.2232,
27.9971

■ 24.6197, 25.2232,
27.9971

■ 22.2488, 21.2849,
24.7291

■ 27.2907, 29.7072,
31.5322

■ 20.1649, 17.8680,
21.7197

■ 30.2702, 34.7533,
35.3392

■ 18.3571, 14.9513,
18.9624

■ 33.5685, 40.3814,
39.4249

■ 16.8129, 12.5109,
16.4496

■ 37.1953, 46.6094,
43.7954

■ 15.5187, 10.5209,
14.1734

■ 41.1595, 53.4546,
48.4565

■ 14.4598, 8.9530,
12.1254

■ 45.4699, 60.9332,
53.4138

■ 13.6198, 7.7754,
10.2963

■ 50.1346, 69.0612,
58.6728

■ 12.9800, 6.9521,
8.6762

■ 55.1619, 77.8538,
64.2390

■ 12.5171, 6.4380,
7.2533

■ 57.6861, 81.5791,
69.1595

Harmonies

Analogous

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



24.4387, 25.2232, 28.8624



24.6197, 25.2232, 27.9971



24.6266, 25.2232, 27.0086

Triad

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



24.6197, 25.2232, 27.9971



23.8144, 25.2232, 25.6526



23.4968, 25.2232, 28.8077

Complementary

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



24.6197, 25.2232, 27.9971



24.4875, 26.4450, 28.2411

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.



23.3328, 25.2232, 27.9240



24.6197, 25.2232, 27.9971



23.5150, 25.2232, 26.1111

Square

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



24.6197, 25.2232, 27.9971



24.1594, 25.2232, 25.6711



23.3395, 25.2232, 26.9373



23.7893, 25.2232, 29.3380

Rectangle

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



24.6197, 25.2232, 27.9971



24.5313, 25.2232, 26.4138



23.3395, 25.2232, 26.9373



23.4250, 25.2232, 28.5412

Sweetspot

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



24.6204, 25.2243, 27.9976



44.8653, 46.9060, 51.3153



24.3350, 25.0515, 29.1444



10.0278, 10.4883, 11.4707



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.



24.6204, 25.2243, 27.9976



43.0263, 43.8307, 48.8446



24.4043, 25.1379, 26.8597



5.7242, 5.8158, 6.4930



11.0455, 5.5752, 5.8910



0.1167, 0.0577, 0.1148

Inverse Universe

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



24.6204, 25.2243, 27.9976



43.0263, 43.8307, 48.8446



24.7096, 26.5338, 29.4107



5.7242, 5.8158, 6.4930



11.0455, 5.5752, 5.8910



0.1167, 0.0577, 0.1148

Previews

White Background



This preview shows how the XYZ color 24.6197, 25.2232, 27.9971 looks on a white background.

Color Contrast Check

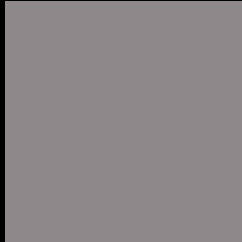
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6197, 25.2232, 27.9971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

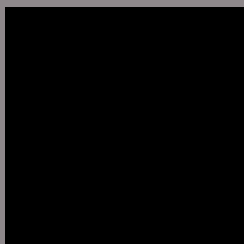
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

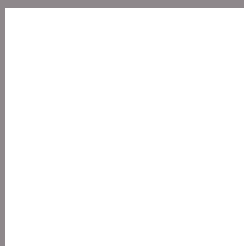
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6197, 25.2232, 27.9971

Background



This preview shows how black text looks on a background with the XYZ color 24.6197, 25.2232, 27.9971.

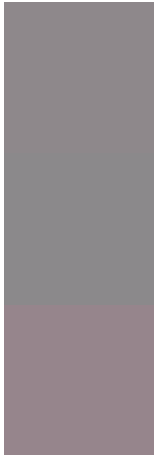


This preview shows how white text looks on a background with the XYZ color 24.6197, 25.2232,

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

24.6197, 25.2232, 27.9971

Protanopia

24.2533, 25.2444, 28.0205

Deuteranopia

25.6988, 25.1525, 28.3114



Tritanopia

25.1800, 25.2429, 30.7394

Trichromacy



Original Color

24.6197, 25.2232, 27.9971

Protanomaly

24.4211, 25.3308, 28.0283

Deuteranomaly

25.2913, 25.1467, 28.3317

Tritanomaly

24.9496, 25.1508, 29.5262

Monochromacy



Original Color

24.6197, 25.2232, 27.9971

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.1806, 25.2153, 27.6373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6197, 25.2232, 27.9971 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(142, 136, 139)` looks like.

```
.text, #text, p{  
    color:rgb(142, 136, 139)  
}
```

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(142, 136, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 136, 139) }
```

Border

The CSS property to change the border of an element to XYZ 24.6197, 25.2232, 27.9971 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(142, 136, 139) }
```


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

```
.border{ border-color:rgb(142, 136, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 136, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 136, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 136, 139);  
box-shadow:4px 4px 4px 4px rgb(142, 136,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6197, 25.2232, 27.9971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 136, 139) }
```

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

```
.background{ background-color: rgb(142,  
136, 139) }
```

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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