

Converting Colors

XYZ(24.9143, 25.0184, 34.7521)

Have a look what the booklet for
XYZ(24.9143, 25.0184, 34.7521)
contains.

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Color

**XYZ(24.9813, 25.0466,
34.9703)**

Conversions

Conversions Part 1

Format	Color
Hex	89879C
RGB	137, 135, 156
RGB Percent	54%, 53%, 61%
CMY	0.4627, 0.4706, 0.3882
CMYK	0.12, 0.13, 0.00, 0.39
HSL	246°, 10%, 57%
HSV	246°, 13%, 61%
XYZ	24.9813, 25.0466, 34.9703
YIQ	137.9920, -5.5490, 6.9550

Conversions

Conversions Part 2

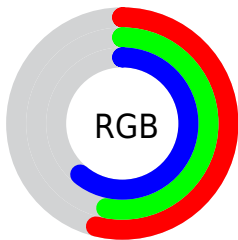
Format	Color
R_{YB}	137, 135, 156
Decimal	9013148
CIE _{Lab}	57.12, 5.10, -10.89
CIE _{LCh}	57, 12.031, 295.100
Yxy	25.0466, 0.2939, 0.2947
Android (android.graphics.Color)	4287203228 (0xFF89879C)
YUV	137.9920, 8.8779, -0.8700
Hunter-Lab	50.0466, 1.5187, -6.3966

Details

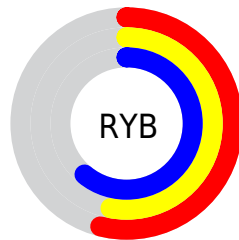
The XYZ color **24.9813, 25.0466, 34.9703** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.5888, 32.3968, 27.6165**, and the grayscale version is **24.1238, 25.3801, 27.6389**.

A 20% lighter version of the original color is **50.8513, 51.5667, 68.2460**, and **9.7288, 9.5432, 14.6939** is the 20% darker color. If you saturate the color by 10%, you get **20.7979, 19.8927, 34.1964**, and if you desaturate by 10%, it is **29.7879, 30.9965, 35.8658**.

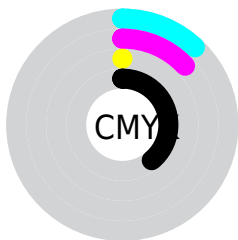
Distribution



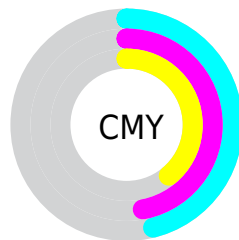
- Red (54%)
- Green (53%)
- Blue (61%)



- Red (54%)
- Yellow (53%)
- Blue (61%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)
- Black (39%)



- Cyan (46%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9813, 25.0466, 34.9703 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 24.9813, 25.0466, 34.9703 by changing the saturation by 10% instead.

■ 24.9813, 25.0466,
34.9703

■ 24.9813, 25.0466,
34.9703

270.0942,
278.0699, 339.3375

■ 16.1918, 16.1118,
23.3566

■ 51.0700, 51.7328,
68.5908

■ 9.7517, 9.6033,
14.6493

■ 69.0999, 70.2530,
91.4347

■ 5.2956, 5.1367,
8.4297

■ 90.9406, 92.7371,
118.8591

■ 2.4583, 2.3277,
4.2794

116.9575,
119.5695, 151.2826

■ 0.8743, 0.7883,
1.7799

147.5160,
151.1346, 189.1236

■ 0.0000, 0.0000,
0.4146

182.9813,

■ 0.0000, 0.0000,

187.8167, 232.8007

0.0000

223.7189,
230.0004, 282.7325

■ 24.9813, 25.0466,
34.9703

■ 24.9813, 25.0466,
34.9703

■ 20.7979, 19.8927,
34.1964

■ 29.7879, 30.9965,
35.8658

■ 17.2099, 15.4981,
33.5372

■ 35.2394, 37.7709,
36.8861

■ 14.1909, 11.8277,
32.9879

■ 41.3593, 45.4008,
38.0362

■ 11.7115, 8.8425,
32.5424

■ 48.1691, 53.9146,
39.3206

■ 9.7397, 6.5000,
32.1942

■ 55.6897, 63.3393,
40.7434

■ 8.2400, 4.7525,
31.9359

■ 63.9406, 73.7009,
42.3085

■ 7.1724, 3.5462,
31.7593

■ 72.9410, 85.0242,
44.0198

■ 6.4902, 2.8170,
31.6545

■ 81.1574, 94.2300,
45.3636

■ 6.1954, 2.5006,
31.6090

■ 83.0008, 95.1803,
45.4499

Harmonies

Analogous

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



23.5739, 25.0466, 35.8135



24.9813, 25.0466, 34.9703



26.1126, 25.0466, 31.9868

Triad

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



24.9813, 25.0466, 34.9703



25.4001, 25.0466, 21.3563



21.1918, 25.0466, 26.6100

Complementary

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



24.9813, 25.0466, 34.9703



29.5888, 32.3968, 27.6165

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.



21.6395, 25.0466, 23.0439



24.9813, 25.0466, 34.9703



24.0397, 25.0466, 20.2087

Square

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



24.9813, 25.0466, 34.9703



26.3611, 25.0466, 24.0918



22.6682, 25.0466, 20.7947



21.4217, 25.0466, 30.7193

Rectangle

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



24.9813, 25.0466, 34.9703



26.5389, 25.0466, 29.3287



22.6682, 25.0466, 20.7947



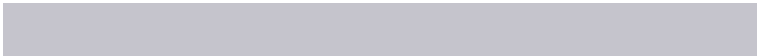
21.2675, 25.0466, 25.3128

Sweetspot

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



24.9821, 25.0476, 34.9709



53.5287, 55.5860, 65.0346



27.5901, 30.7456, 35.9332



11.6347, 12.0528, 14.2836



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.9821, 25.0476, 34.9709



43.0899, 42.6741, 63.0926



26.7430, 25.9555, 35.0533



6.3404, 6.4640, 8.3202



5.1176, 2.0673, 26.0365



0.1066, 0.0447, 0.4662

Inverse Universe

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



28.2078, 26.7300, 34.2454



50.0629, 46.3114, 61.4927



27.7203, 31.4336, 27.5291



6.8769, 6.7437, 8.2030



15.2693, 7.4123, 21.4668



0.2801, 0.1354, 0.4213

Previews

White Background



This preview shows how the XYZ color 24.9813, 25.0466, 34.9703 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 24.9813, 25.0466, 34.9703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

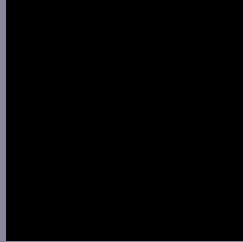
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.9813, 25.0466, 34.9703

Background



This preview shows how black text looks on a background with the XYZ color 24.9813, 25.0466, 34.9703.



This preview shows how white text looks on a background with the XYZ color 24.9813, 25.0466,

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

24.9813, 25.0466, 34.9703

Protanopia

24.7215, 25.1110, 35.4422

Deuteranopia

25.5104, 25.1132, 34.9553



Tritanopia

24.2240, 24.9491, 31.1427

Trichromacy



Original Color

24.9813, 25.0466, 34.9703

Protanomaly

24.8816, 25.1935, 35.4497

Deuteranomaly

25.3411, 25.0259, 34.9474

Tritanomaly

24.4625, 25.0446, 32.3989

Monochromacy



Original Color

24.9813, 25.0466, 34.9703

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.5377, 25.3389, 30.3857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9813, 25.0466, 34.9703 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(137, 135, 156)` looks like.

```
.text, #text, p{  
    color:rgb(137, 135, 156)  
}
```

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(137, 135, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 135, 156) }
```

Border

The CSS property to change the border of an element to XYZ 24.9813, 25.0466, 34.9703 is called "border". The border property can be set on classes, ids or directly on the HTML element.

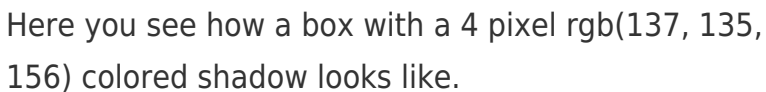
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 135, 156) }
```


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

```
.border{ border-color:rgb(137, 135, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 135, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 135, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 135, 156); box-shadow:4px 4px 4px 4px rgb(137, 135, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9813, 25.0466, 34.9703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 135, 156) }
```

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

```
.background{ background-color: rgb(137,  
135, 156) }
```

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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