

Converting Colors

XYZ(24.2114, 25.9610, 24.3426)

Have a look what the booklet for
XYZ(24.2114, 25.9610, 24.3426)
contains.

XYZ(24.1557, 25.9166, 24.4981)	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(24.1557, 25.9166,
24.4981)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8C81
RGB	140, 140, 129
RGB Percent	55%, 55%, 51%
CMY	0.4510, 0.4510, 0.4941
CMYK	0.00, 0.00, 0.08, 0.45
HSL	60°, 5%, 53%
HSV	60°, 8%, 55%
XYZ	24.1557, 25.9166, 24.4981
YIQ	138.7460, 3.5310, -3.4210

Conversions

Conversions Part 2

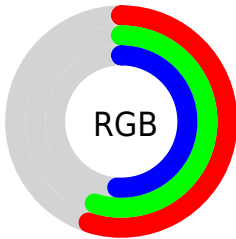
Format	Color
R_{YB}	129, 140, 129
Decimal	9211009
CIE _{Lab}	57.96, -2.07, 5.87
CIE _{LCh}	58, 6.225, 109.443
Yxy	25.9166, 0.3239, 0.3475
Android (android.graphics.Color)	4287401089 (0xFF8C8C81)
YUV	138.7460, -4.8048, 1.0998
Hunter-Lab	50.9083, -4.3925, 7.1043

Details

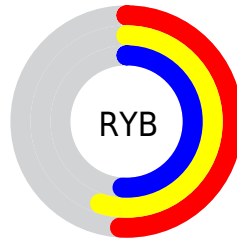
The XYZ color **24.1557, 25.9166, 24.4981** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.6382, 22.2618, 27.9689**, and the grayscale version is **24.4604, 25.7343, 28.0246**.

A 20% lighter version of the original color is **49.9834, 53.4303, 51.9346**, and **9.3206, 10.0652, 9.0409** is the 20% darker color. If you saturate the color by 10%, you get **23.2877, 25.5702, 19.9280**, and if you desaturate by 10%, it is **25.1526, 26.3163, 29.7410**.

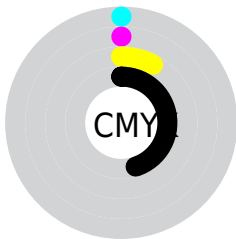
Distribution



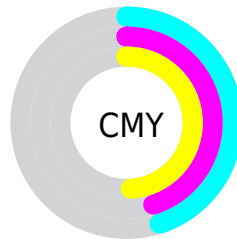
- Red (55%)
- Green (55%)
- Blue (51%)



- Red (51%)
- Yellow (55%)
- Blue (51%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (45%)



- Cyan (45%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1557, 25.9166, 24.4981 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 24.1557, 25.9166, 24.4981 by changing the saturation by 10% instead.

■ 24.1557, 25.9166,
24.4981

■ 24.1557, 25.9166,
24.4981

266.0326,
282.3724, 288.6964

■ 15.5745, 16.7613,
15.4879

■ 49.7370, 53.1404,
51.7958

■ 9.3125, 10.0644,
9.0121

■ 67.4678, 71.9776,
70.9204

■ 5.0043, 5.4417,
4.6522

■ 88.9792, 94.8109,
94.2535

■ 2.2846, 2.5087,
1.9895

114.6366,
122.0247, 122.2138

■ 0.7868, 0.8810,
0.5488

144.8052,
154.0033, 155.2196

■ 0.0000, 0.0000,
0.0000

179.8506,

191.1312, 193.6896

220.1379,
233.7928, 238.0424

■ 24.1557, 25.9166,
24.4981

■ 24.1557, 25.9166,
24.4981

■ 23.2877, 25.5702,
19.9280

■ 25.1526, 26.3163,
29.7410

■ 22.5414, 25.2716,
16.0018

■ 26.2813, 26.7678,
35.6806

■ 21.9121, 25.0197,
12.6912

■ 27.5469, 27.2742,
42.3417

■ 21.3936, 24.8123,
9.9649

■ 28.9540, 27.8371,
49.7473

■ 20.9797, 24.6466,
7.7891

■ 30.5066, 28.4582,
57.9197

■ 20.6632, 24.5200,
6.1263

■ 32.2088, 29.1392,
66.8797

■ 20.4362, 24.4291,
4.9344

■ 34.0645, 29.8815,
76.6479

■ 20.2894, 24.3702,
4.1648

■ 36.0774, 30.6868,
87.2438

■ 20.2039, 24.3360,
3.7185

■ 38.2503, 31.5560,
98.6827

Harmonies

Analogous

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



24.8983, 25.9166, 24.3476



24.1557, 25.9166, 24.4981



23.5527, 25.9166, 25.6158

Triad

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



24.1557, 25.9166, 24.4981



23.7065, 25.9166, 31.4768



26.0791, 25.9166, 28.9828

Complementary

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



24.1557, 25.9166, 24.4981



21.6382, 22.2618, 27.9689

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.



25.7457, 25.9166, 30.9923



24.1557, 25.9166, 24.4981



24.3695, 25.9166, 32.4800

Square

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



24.1557, 25.9166, 24.4981



23.2970, 25.9166, 29.6170



25.1164, 25.9166, 32.2983



26.0190, 25.9166, 26.8653

Rectangle

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



24.1557, 25.9166, 24.4981



23.3063, 25.9166, 26.7922



25.1164, 25.9166, 32.2983



26.0090, 25.9166, 29.6951

Sweetspot

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



24.1564, 25.9177, 24.4987



43.5802, 46.0892, 48.4187



22.6287, 22.8615, 23.9893



10.0474, 10.6223, 11.1856



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.



24.1564, 25.9177, 24.4987



42.3700, 45.6050, 42.0503



23.2529, 25.4520, 24.4564



5.4309, 5.8449, 5.3943



17.9364, 21.6165, 3.2271



0.1192, 0.1436, 0.0214

Inverse Universe

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



21.6382, 22.2618, 27.9689



37.2240, 38.1341, 49.1417



22.4961, 22.7040, 28.0090



4.7748, 4.8923, 6.2985



4.2065, 1.6827, 22.1488



0.0280, 0.0112, 0.1471

Previews

White Background



This preview shows how the XYZ color 24.1557, 25.9166, 24.4981 looks on a white background.

Color Contrast Check

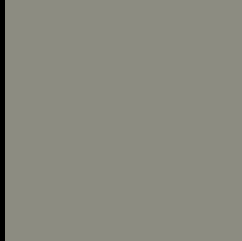
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1557, 25.9166, 24.4981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

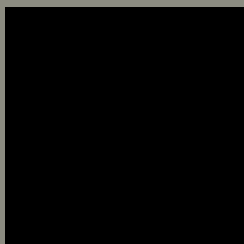
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

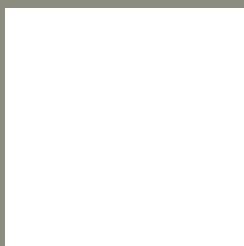
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1557, 25.9166, 24.4981

Background



This preview shows how black text looks on a background with the XYZ color 24.1557, 25.9166, 24.4981.



This preview shows how white text looks on a background with the XYZ color 24.1557, 25.9166,

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

24.1557, 25.9166, 24.4981

Protanopia

24.6305, 25.9530, 24.1333

Deuteranopia

26.2647, 25.7298, 24.7011



Tritanopia

25.6186, 25.8691, 31.6600

Trichromacy



Original Color

24.1557, 25.9166, 24.4981

Protanomaly

24.4566, 25.8634, 24.1252

Deuteranomaly

25.4111, 25.7041, 24.7412

Tritanomaly

25.0515, 25.8508, 28.8687

Monochromacy



Original Color

24.1557, 25.9166, 24.4981

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.2533, 25.7035, 26.6047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1557, 25.9166, 24.4981 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(140, 140, 129)` looks like.

```
.text, #text, p{  
    color:rgb(140, 140, 129)  
}
```

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(140, 140, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 140, 129) }
```

Border

The CSS property to change the border of an element to XYZ 24.1557, 25.9166, 24.4981 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(140, 140, 129) }
```


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

```
.border{ border-color:rgb(140, 140, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 140, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 140, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 140, 129);  
box-shadow:4px 4px 4px 4px rgb(140, 140,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1557, 25.9166, 24.4981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 140, 129) }
```

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

```
.background{ background-color: rgb(140,  
140, 129) }
```

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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