

Converting Colors

XYZ(24.9694, 24.0967, 19.9685)

Have a look what the booklet for
XYZ(24.9694, 24.0967, 19.9685)
contains.

XYZ(24.9073, 24.1296, 19.8677)	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(24.9073, 24.1296,
19.8677)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8174
RGB	157, 129, 116
RGB Percent	62%, 51%, 45%
CMY	0.3843, 0.4941, 0.5451
CMYK	0.00, 0.18, 0.26, 0.38
HSL	19°, 17%, 54%
HSV	19°, 26%, 62%
XYZ	24.9073, 24.1296, 19.8677
YIQ	135.8900, 20.8610, 1.8930

Conversions

Conversions Part 2

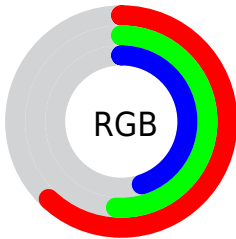
Format	Color
R_{YB}	157, 135, 116
Decimal	10322292
CIE _{Lab}	56.22, 8.68, 11.07
CIE _{LCh}	56, 14.071, 51.907
Yxy	24.1296, 0.3615, 0.3502
Android (android.graphics.Color)	4288512372 (0xFF9D8174)
YUV	135.8900, -9.8058, 18.5135
Hunter-Lab	49.1219, 4.5453, 10.4051

Details

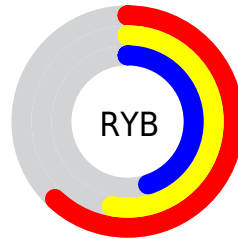
The XYZ color **24.9073, 24.1296, 19.8677** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.2613, 26.0931, 35.7089**, and the grayscale version is **23.3912, 24.6094, 26.7996**.

A 20% lighter version of the original color is **50.9472, 50.2801, 44.0656**, and **9.7377, 9.1579, 6.7233** is the 20% darker color. If you saturate the color by 10%, you get **22.7314, 21.1178, 15.0112**, and if you desaturate by 10%, it is **27.3870, 27.5017, 25.5876**.

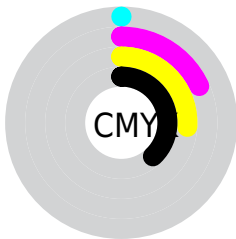
Distribution



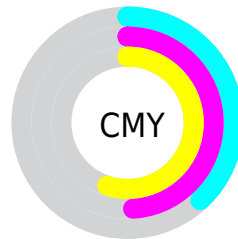
- Red (62%)
- Green (51%)
- Blue (45%)



- Red (62%)
- Yellow (53%)
- Blue (45%)



- Cyan (0%)
- Magenta (18%)
- Yellow (26%)
- Black (38%)



- Cyan (38%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9073, 24.1296, 19.8677 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 24.9073, 24.1296, 19.8677 by changing the saturation by 10% instead.

■ 24.9073, 24.1296,
19.8677

■ 24.9073, 24.1296,
19.8677

269.7321,
273.4750, 263.7785

■ 16.1364, 15.4298,
12.1158

■ 50.9508, 50.2416,
44.0513

■ 9.7122, 9.1216,
6.6991

■ 68.9540, 68.4226,
61.3201

■ 5.2693, 4.8206,
3.1991

■ 90.7654, 90.5327,
82.5983

■ 2.4425, 2.1424,
1.1972

116.7503,
116.9565, 108.3043

■ 0.8664, 0.6883,
0.0000

147.2741,
148.0782, 138.8568

■ 0.0000, 0.0000,
0.0000

182.7021,

184.2822, 174.6743

223.3996,
225.9531, 216.1754

■ 24.9073, 24.1296,
19.8677

■ 24.9073, 24.1296,
19.8677

■ 22.7314, 21.1178,
15.0112

■ 27.3870, 27.5017,
25.5876

■ 20.8451, 18.4508,
10.9741

■ 30.1803, 31.2425,
32.2088

■ 19.2359, 16.1168,
7.7111

■ 33.2986, 35.3640,
39.7688

■ 17.8894, 14.1020,
5.1715

■ 36.7523, 39.8768,
48.3024

■ 16.7899, 12.3915,
3.2987

■ 40.5514, 44.7911,
57.8428

■ 15.9196, 10.9692,
2.0272

■ 44.7053, 50.1166,
68.4215

■ 15.2554, 9.8160,
1.2658

■ 49.2231, 55.8628,
80.0687

■ 15.0365, 9.4317,
1.0280

■ 54.1137, 62.0387,
92.8133

■ 59.0127, 68.5042,
104.7201

Harmonies

Analogous

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



25.9428, 24.1296, 23.0877



24.9073, 24.1296, 19.8677



23.3751, 24.1296, 18.4041

Triad

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



24.9073, 24.1296, 19.8677



19.9909, 24.1296, 25.0389



24.1146, 24.1296, 35.4342

Complementary

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



24.9073, 24.1296, 19.8677



23.2613, 26.0931, 35.7089

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.



22.4994, 24.1296, 36.1154



24.9073, 24.1296, 19.8677



20.1681, 24.1296, 29.7386

Square

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



24.9073, 24.1296, 19.8677



20.5727, 24.1296, 21.1519



21.0686, 24.1296, 33.9254



25.4704, 24.1296, 32.1605

Rectangle

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



24.9073, 24.1296, 19.8677



22.2987, 24.1296, 18.4854



21.0686, 24.1296, 33.9254



23.5822, 24.1296, 35.9883

Sweetspot

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



24.9079, 24.1307, 19.8682



52.9826, 54.5307, 55.1293



25.1856, 21.6733, 29.2484



11.4979, 11.7847, 11.7481



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.



24.9079, 24.1307, 19.8682



42.4046, 40.1791, 30.6261



27.8813, 30.0774, 20.8593



6.7962, 6.9724, 6.9733



12.2426, 7.7208, 0.8450



0.2546, 0.2094, 0.0270

Inverse Universe

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



23.2613, 26.0931, 35.7089



38.9715, 44.2587, 63.6155



20.4358, 20.4421, 34.7671



6.6443, 7.1543, 8.4374



9.2648, 10.6211, 27.4690



0.2018, 0.2622, 0.5032

Previews

White Background



This preview shows how the XYZ color 24.9073, 24.1296, 19.8677 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 24.9073, 24.1296, 19.8677 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 24.9073, 24.1296, 19.8677

Background



This preview shows how black text looks on a background with the XYZ color 24.9073, 24.1296, 19.8677.



This preview shows how white text looks on a background with the XYZ color 24.9073, 24.1296,

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

24.9073, 24.1296, 19.8677

Protanopia

22.9783, 24.3226, 20.9364

Deuteranopia

24.6526, 24.1948, 19.8937



Tritanopia

26.2029, 24.0702, 26.5575

Trichromacy



Original Color

24.9073, 24.1296, 19.8677

Protanomaly

23.6902, 24.2861, 20.5786

Deuteranomaly

24.8453, 24.2941, 19.9027

Tritanomaly

25.6524, 24.0328, 24.0557

Monochromacy



Original Color

24.9073, 24.1296, 19.8677

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.8516, 24.2893, 24.2001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9073, 24.1296, 19.8677 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(157, 129, 116)` looks like.

```
.text, #text, p{  
    color:rgb(157, 129, 116)  
}
```

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(157, 129, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 129, 116) }
```

Border

The CSS property to change the border of an element to XYZ 24.9073, 24.1296, 19.8677 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(157, 129, 116) }
```


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

```
.border{ border-color:rgb(157, 129, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 129, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 129, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 129, 116);  
box-shadow:4px 4px 4px 4px rgb(157, 129,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9073, 24.1296, 19.8677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 129, 116) }
```

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

```
.background{ background-color: rgb(157,  
129, 116) }
```

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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