

Converting Colors

XYZ(26.0880, 25.8623, 31.6383)

Have a look what the booklet for
XYZ(26.0880, 25.8623, 31.6383)
contains.

XYZ(26.1821, 25.9495, 31.6458)	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(26.1821, 25.9495,
31.6458)**

Conversions

Conversions Part 1

Format	Color
Hex	938894
RGB	147, 136, 148
RGB Percent	58%, 53%, 58%
CMY	0.4235, 0.4667, 0.4196
CMYK	0.01, 0.08, 0.00, 0.42
HSL	295°, 5%, 56%
HSV	295°, 8%, 58%
XYZ	26.1821, 25.9495, 31.6458
YIQ	140.6570, 2.7040, 6.0640

Conversions

Conversions Part 2

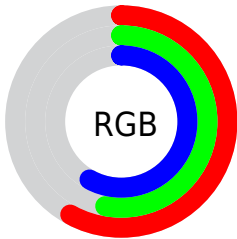
Format	Color
R_{YB}	147, 136, 148
Decimal	9668756
CIE _{Lab}	57.99, 6.41, -4.91
CIE _{LCh}	58, 8.078, 322.547
Yxy	25.9495, 0.3125, 0.3097
Android (android.graphics.Color)	4287858836 (0xFF938894)
YUV	140.6570, 3.6201, 5.5628
Hunter-Lab	50.9407, 2.5980, -1.1742

Details

The XYZ color **26.1821, 25.9495, 31.6458** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.3513, 28.2764, 27.4156**, and the grayscale version is **25.1694, 26.4802, 28.8369**.

A 20% lighter version of the original color is **52.9457, 53.0770, 63.3315**, and **10.3093, 10.0054, 12.6971** is the 20% darker color. If you saturate the color by 10%, you get **24.0203, 21.9521, 30.9886**, and if you desaturate by 10%, it is **28.6356, 30.5260, 32.4002**.

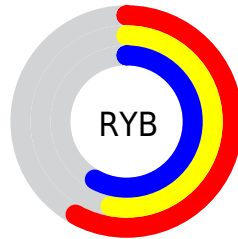
Distribution



Red (58%)

Green (53%)

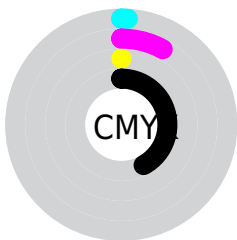
Blue (58%)



Red (58%)

Yellow (53%)

Blue (58%)

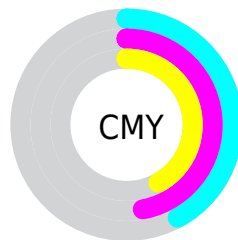


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (42%)



Cyan (42%)

Magenta (47%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1821, 25.9495, 31.6458 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 26.1821, 25.9495, 31.6458 by changing the saturation by 10% instead.

■ 26.1821, 25.9495,
31.6458

■ 26.1821, 25.9495,
31.6458

275.9152,
282.5341, 323.9454

■ 17.0933, 16.7859,
20.8285

■ 52.9978, 53.1935,
63.3468

■ 10.3968, 10.0819,
12.8087

■ 71.4554, 72.0426,
85.0677

■ 5.7271, 5.4533,
7.1678

■ 93.7667, 94.8890,
111.2602

■ 2.7189, 2.5156,
3.4872

120.2969,
122.1171, 142.3428

■ 1.0069, 0.8844,
1.3485

151.4116,
154.1112, 178.7340

■ 0.0000, 0.0000,
0.1010

187.4759,

■ 0.0000, 0.0000,

191.2559, 220.8526

0.0000

228.8553,
233.9353, 269.1168

■ 26.1821, 25.9495,
31.6458

■ 26.1821, 25.9495,
31.6458

■ 24.0203, 21.9521,
30.9886

■ 28.6356, 30.5260,
32.4002

■ 22.1362, 18.5071,
30.4229

■ 31.3897, 35.7004,
33.2538

■ 20.5181, 15.5904,
29.9452

■ 34.4554, 41.4947,
34.2107

■ 19.1524, 13.1751,
29.5510

■ 37.8429, 47.9289,
35.2741

■ 18.0244, 11.2319,
29.2354

■ 41.5616, 55.0220,
36.4472

■ 17.1180, 9.7282,
28.9929

■ 45.6207, 62.7923,
37.7330

■ 16.4149, 8.6276,
28.8175

■ 50.0289, 71.2571,
39.1346

■ 15.8937, 7.8877,
28.7022

■ 54.7947, 80.4336,
40.6546

■ 15.5129, 7.4249,
28.6329

■ 55.2260, 80.9376,
40.7292

Harmonies

Analogous

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



25.3898, 25.9495, 33.5072



26.1821, 25.9495, 31.6458



26.5696, 25.9495, 28.9565

Triad

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



26.1821, 25.9495, 31.6458



24.9081, 25.9495, 23.2598



22.9735, 25.9495, 30.3630

Complementary

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



26.1821, 25.9495, 31.6458



25.3513, 28.2764, 27.4156

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.



22.8522, 25.9495, 27.5641



26.1821, 25.9495, 31.6458



23.9526, 25.9495, 23.5818

Square

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



26.1821, 25.9495, 31.6458



25.8215, 25.9495, 24.2043



23.2062, 25.9495, 25.1147



23.5420, 25.9495, 32.7332

Rectangle

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



26.1821, 25.9495, 31.6458



26.5392, 25.9495, 27.1046



23.2062, 25.9495, 25.1147



22.8797, 25.9495, 29.4367

Sweetspot

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



26.1829, 25.9506, 31.6464



48.7607, 50.5613, 56.6239



24.4739, 25.3219, 31.6151



11.1437, 11.5658, 12.9299



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



26.1829, 25.9506, 31.6464



45.3572, 44.2282, 55.5809



25.9908, 25.8946, 29.6952



5.9882, 5.8849, 7.2900



13.2030, 6.2790, 24.4471



0.1729, 0.0827, 0.2997

Inverse Universe

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



25.5332, 25.7116, 27.2853



43.9377, 43.7065, 46.0213



25.5370, 28.3319, 29.2450



5.8193, 5.8228, 6.1544



10.4949, 5.4030, 0.8210



0.1323, 0.0677, 0.0305

Previews

White Background



This preview shows how the XYZ color 26.1821, 25.9495, 31.6458 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 26.1821, 25.9495, 31.6458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

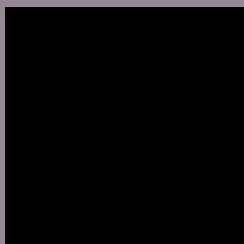
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1821, 25.9495, 31.6458

Background



This preview shows how black text looks on a background with the XYZ color 26.1821, 25.9495, 31.6458.



This preview shows how white text looks on a background with the XYZ color 26.1821, 25.9495,

31.6458.

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

26.1821, 25.9495, 31.6458

Protanopia

25.3851, 26.1562, 32.5649

Deuteranopia

26.4037, 25.8556, 31.6160



Tritanopia

26.1032, 25.9179, 31.2306

Trichromacy



Original Color

26.1821, 25.9495, 31.6458

Protanomaly

25.6686, 26.0977, 32.1182

Deuteranomaly

26.2220, 25.7620, 31.6075

Tritanomaly

26.1032, 25.9179, 31.2306

Monochromacy



Original Color

26.1821, 25.9495, 31.6458

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.5944, 26.3185, 30.1166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1821, 25.9495, 31.6458 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(147, 136, 148)` looks like.

```
.text, #text, p{  
    color:rgb(147, 136, 148)  
}
```

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(147, 136, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 136, 148) }
```

Border

The CSS property to change the border of an element to XYZ 26.1821, 25.9495, 31.6458 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(147, 136, 148) }
```


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

```
.border{ border-color:rgb(147, 136, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 136, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 136, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 136, 148);  
box-shadow:4px 4px 4px 4px rgb(147, 136,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1821, 25.9495, 31.6458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 136, 148) }
```

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

```
.background{ background-color: rgb(147,  
136, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor