

Converting Colors

XYZ(25.8713, 27.2623, 27.6925)

Have a look what the booklet for
XYZ(25.8713, 27.2623, 27.6925)
contains.

XYZ(25.8654, 27.1719, 27.5484)	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(25.8654, 27.1719,
27.5484)**

Conversions

Conversions Part 1

Format	Color
Hex	918E89
RGB	145, 142, 137
RGB Percent	57%, 56%, 54%
CMY	0.4314, 0.4431, 0.4627
CMYK	0.00, 0.02, 0.06, 0.43
HSL	38°, 4%, 55%
HSV	38°, 6%, 57%
XYZ	25.8654, 27.1719, 27.5484
YIQ	142.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

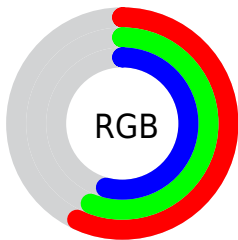
Format	Color
RYB	142, 145, 137
Decimal	9539209
CIELab	59.13, 0.16, 3.04
CIElCh	59, 3.049, 86.911
Yxy	27.1719, 0.3210, 0.3372
Android (android.graphics.Color)	4287729289 (0xFF918E89)
YUV	142.3270, -2.6262, 2.3442
Hunter-Lab	52.1267, -2.6495, 5.1545

Details

The XYZ color **25.8654, 27.1719, 27.5484** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.8054, 26.1184, 30.5223**, and the grayscale version is **25.8504, 27.1967, 29.6172**.

A 20% lighter version of the original color is **52.5874, 55.3397, 56.6252**, and **10.2668, 10.7753, 10.5556** is the 20% darker color. If you saturate the color by 10%, you get **24.1060, 25.2071, 22.1705**, and if you desaturate by 10%, it is **27.8055, 29.2738, 33.6769**.

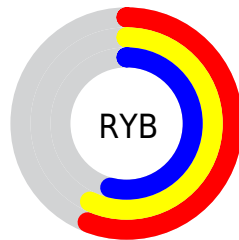
Distribution



Red (57%)

Green (56%)

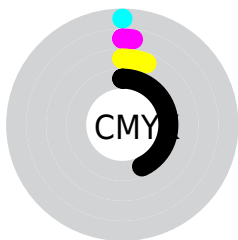
Blue (54%)



Red (56%)

Yellow (57%)

Blue (54%)

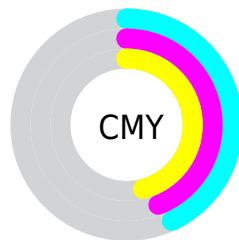


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (43%)



Cyan (43%)

Magenta (44%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8654, 27.1719, 27.5484 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 25.8654, 27.1719, 27.5484 by changing the saturation by 10% instead.

■ 25.8654, 27.1719,
27.5484

■ 25.8654, 27.1719,
27.5484

274.3895,
288.4885, 304.1464

■ 16.8551, 17.7024,
17.7494

■ 52.4906, 55.1596,
56.7770

■ 10.2259, 10.7365,
10.6027

■ 70.8362, 74.4465,
77.0438

■ 5.6124, 5.8900,
5.6895

■ 93.0243, 97.7747,
101.6369

■ 2.6493, 2.7783,
2.5915

119.4202,
125.5286, 130.9748

■ 0.9711, 1.0171,
0.8881

150.3894,
158.0925, 165.4762

■ 0.0000, 0.0000,
0.0000

186.2971,

195.8509, 205.5596

227.5087,
239.1880, 251.6435

■ 25.8654, 27.1719,
27.5484

■ 25.8654, 27.1719,
27.5484

■ 24.1060, 25.2071,
22.1705

■ 27.8055, 29.2738,
33.6769

■ 22.5190, 23.3725,
17.5121

■ 29.9299, 31.5124,
40.5820

■ 21.0986, 21.6659,
13.5426

■ 32.2448, 33.8920,
48.2906

■ 19.8380, 20.0834,
10.2282

■ 34.7554, 36.4154,
56.8277

■ 18.7297, 18.6212,
7.5326

■ 37.4667, 39.0856,
66.2172

■ 17.7654, 17.2750,
5.4158

■ 40.3837, 41.9052,
76.4822

■ 16.9361, 16.0403,
3.8328

■ 43.5109, 44.8769,
87.6447

■ 16.2314, 14.9117,
2.7323

■ 46.8528, 48.0033,
99.7261

■ 15.6371, 13.8826,
2.0421

■ 48.3349, 50.4553,
101.7991

Harmonies

Analogous

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



26.2263, 27.1719, 27.8698



25.8654, 27.1719, 27.5484



25.4974, 27.1719, 27.7617

Triad

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



25.8654, 27.1719, 27.5484



25.1811, 27.1719, 30.5411



26.4420, 27.1719, 30.7407

Complementary

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



25.8654, 27.1719, 27.5484



24.8054, 26.1184, 30.5223

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.



26.1576, 27.1719, 31.4876



25.8654, 27.1719, 27.5484



25.4299, 27.1719, 31.3704

Square

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



25.8654, 27.1719, 27.5484



25.1046, 27.1719, 29.4732



25.7868, 27.1719, 31.7208



26.5612, 27.1719, 29.6983

Rectangle

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



25.8654, 27.1719, 27.5484



25.2971, 27.1719, 28.1814



25.7868, 27.1719, 31.7208



26.3624, 27.1719, 31.0356

Sweetspot

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



25.8662, 27.1731, 27.5490



47.4921, 49.9423, 52.9947



25.3616, 25.8069, 28.4816



10.5752, 11.1211, 11.8209



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



25.8662, 27.1731, 27.5490



45.7870, 48.0727, 47.6765



26.1543, 27.9925, 27.6920



5.7463, 6.0328, 5.9677



13.2265, 11.5846, 1.5389



0.1477, 0.1532, 0.0218

Inverse Universe

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



24.8054, 26.1184, 30.5223



43.3525, 45.6523, 54.5004



24.5271, 25.3337, 30.3855



5.4327, 5.7210, 6.8467



5.5516, 4.0892, 23.4738



0.0730, 0.0790, 0.2311

Previews

White Background



This preview shows how the XYZ color 25.8654, 27.1719, 27.5484 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 25.8654, 27.1719, 27.5484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

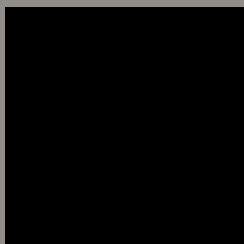
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

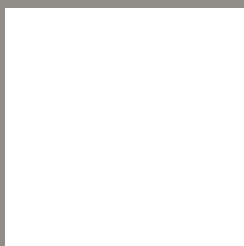
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8654, 27.1719, 27.5484

Background



This preview shows how black text looks on a background with the XYZ color 25.8654, 27.1719, 27.5484.



This preview shows how white text looks on a background with the XYZ color 25.8654, 27.1719,

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

25.8654, 27.1719, 27.5484

Protanopia

26.0424, 27.2631, 27.5566

Deuteranopia

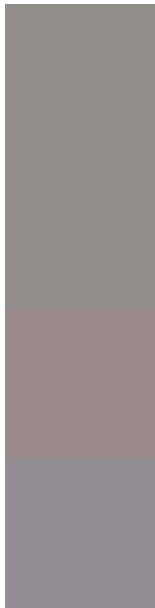
27.7765, 27.2810, 27.8465



Tritanopia

26.9966, 27.1936, 33.1042

Trichromacy



Original Color

25.8654, 27.1719, 27.5484

Protanomaly

26.0424, 27.2631, 27.5566

Deuteranomaly

26.9569, 27.0725, 27.8495

Tritanomaly

26.5672, 27.2361, 31.0510

Monochromacy



Original Color

25.8654, 27.1719, 27.5484

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.7343, 27.0791, 28.6814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8654, 27.1719, 27.5484 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(145, 142, 137)` looks like.

```
.text, #text, p{  
    color:rgb(145, 142, 137)  
}
```

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(145, 142, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 142, 137) }
```

Border

The CSS property to change the border of an element to XYZ 25.8654, 27.1719, 27.5484 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(145, 142, 137) }
```


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

```
.border{ border-color:rgb(145, 142, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 142, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 142, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 142, 137);  
box-shadow:4px 4px 4px 4px rgb(145, 142,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8654, 27.1719, 27.5484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 142, 137) }
```

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

```
.background{ background-color: rgb(145,  
142, 137) }
```

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