

Converting Colors

XYZ(27.0741, 25.2926, 26.7995)

Have a look what the booklet for
XYZ(27.0741, 25.2926, 26.7995)
contains.

XYZ(27.1245, 25.3199, 26.7502)	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(27.1245, 25.3199,
26.7502)**

Conversions

Conversions Part 1

Format	Color
Hex	A18288
RGB	161, 130, 136
RGB Percent	63%, 51%, 53%
CMY	0.3686, 0.4902, 0.4667
CMYK	0.00, 0.19, 0.16, 0.37
HSL	348°, 14%, 57%
HSV	348°, 19%, 63%
XYZ	27.1245, 25.3199, 26.7502
YIQ	139.9530, 16.5500, 8.4380

Conversions

Conversions Part 2

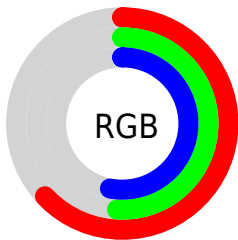
Format	Color
R_{YB}	161, 130, 136
Decimal	10584712
CIE _{Lab}	57.39, 12.87, 1.27
CIE _{LCh}	57, 12.932, 5.615
Yxy	25.3199, 0.3425, 0.3197
Android (android.graphics.Color)	4288774792 (0xFFA18288)
YUV	139.9530, -1.9488, 18.4582
Hunter-Lab	50.3189, 8.1628, 3.7039

Details

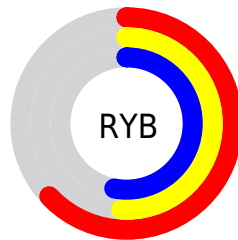
The XYZ color **27.1245, 25.3199, 26.7502** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.8682, 32.6027, 35.8360**, and the grayscale version is **24.9124, 26.2098, 28.5425**.

A 20% lighter version of the original color is **54.4377, 52.1400, 55.3390**, and **10.9288, 9.8080, 10.1212** is the 20% darker color. If you saturate the color by 10%, you get **24.2807, 21.0205, 21.5218**, and if you desaturate by 10%, it is **30.4167, 30.3365, 32.6803**.

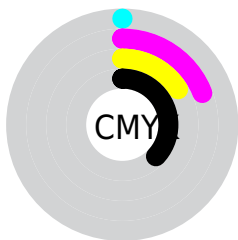
Distribution



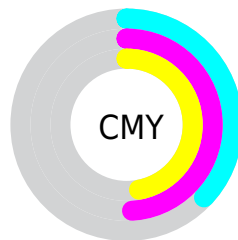
- Red (63%)
- Green (51%)
- Blue (53%)



- Red (63%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (19%)
- Yellow (16%)
- Black (37%)



- Cyan (37%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1245, 25.3199, 26.7502 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 27.1245, 25.3199, 26.7502 by changing the saturation by 10% instead.

■ 27.1245, 25.3199,
26.7502

■ 27.1245, 25.3199,
26.7502

280.4160,
279.4273, 300.1674

■ 17.8038, 16.3156,
17.1549

■ 54.5021, 52.1757,
55.4816

■ 10.9081, 9.7477,
10.1819

■ 73.2897, 70.7960,
75.4548

■ 6.0719, 5.2320,
5.4125

■ 95.9636, 93.3903,
99.7245

■ 2.9299, 2.3840,
2.4284

122.8892,
120.3432, 128.7090

■ 1.1168, 0.8177,
0.8018

154.4320,
152.0389, 162.8270

■ 0.0391, 0.0000,
0.0000

190.9571,

■ 0.0000, 0.0000,

188.8619, 202.4971

0.0000

232.8300,
231.1966, 248.1377

■ 27.1245, 25.3199,
26.7502

■ 27.1245, 25.3199,
26.7502

■ 24.2807, 21.0205,
21.5218

■ 30.4167, 30.3365,
32.6803

■ 21.8635, 17.4023,
16.9673

■ 34.1734, 36.0973,
39.3354

■ 19.8529, 14.4311,
13.0596


■ 38.4126, 42.6325,
46.7393


■ 18.2258, 12.0685,
9.7688


■ 43.1507, 49.9692,
54.9146


■ 16.9573, 10.2720,
7.0629

■ 48.4033, 58.1333,
63.8827

 16.0192, 8.9938,
4.9067

 54.1853, 67.1496,
73.6644


 15.3789, 8.1778,
3.2612

 60.5111, 77.0418,
84.2796

 14.9735, 7.7082,
2.0737

 66.1687, 85.3814,
95.3388

 14.9473, 7.6768,
2.0006

 68.1665, 86.1805,
105.8591

Harmonies

Analogous

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



26.8556, 25.3199, 31.2086



27.1245, 25.3199, 26.7502



26.5460, 25.3199, 22.9335

Triad

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



27.1245, 25.3199, 26.7502



22.3875, 25.3199, 21.2520



22.8676, 25.3199, 36.0074

Complementary

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



27.1245, 25.3199, 26.7502



27.8682, 32.6027, 35.8360

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.



21.7451, 25.3199, 32.7906



27.1245, 25.3199, 26.7502



21.4763, 25.3199, 24.2241

Square

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



27.1245, 25.3199, 26.7502



23.7782, 25.3199, 19.9829



21.2462, 25.3199, 28.4045



24.3558, 25.3199, 36.8668

Rectangle

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



27.1245, 25.3199, 26.7502



25.7716, 25.3199, 21.1646



21.2462, 25.3199, 28.4045



22.4370, 25.3199, 35.1504

Sweetspot

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



27.1252, 25.3210, 26.7507



56.4946, 57.4228, 62.1276



27.8957, 25.4885, 37.1679



12.3044, 12.4624, 13.4732



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.1252, 25.3210, 26.7507



46.3541, 41.9762, 43.8441



28.0041, 27.7420, 24.9993



7.1272, 7.1073, 7.6562



11.9499, 6.1360, 1.6608



0.2656, 0.1347, 0.1112

Inverse Universe

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



27.1252, 25.3210, 26.7507



46.3541, 41.9762, 43.8441



26.8194, 29.6791, 38.0335



7.1272, 7.1073, 7.6562



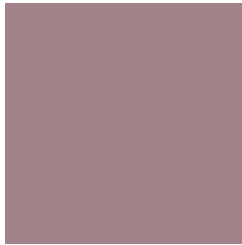
11.9499, 6.1360, 1.6608



0.2656, 0.1347, 0.1112

Previews

White Background



This preview shows how the XYZ color 27.1245, 25.3199, 26.7502 looks on a white background.

Color Contrast Check

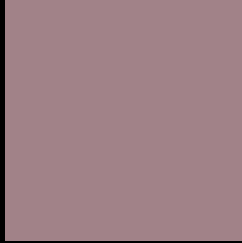
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1245, 25.3199, 26.7502 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 27.1245, 25.3199, 26.7502

Background



This preview shows how black text looks on a background with the XYZ color 27.1245, 25.3199, 26.7502.



This preview shows how white text looks on a background with the XYZ color 27.1245, 25.3199,

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

27.1245, 25.3199, 26.7502

Protanopia

24.4945, 25.3602, 28.4150

Deuteranopia

25.7096, 25.1997, 26.4307



Tritanopia

27.2084, 25.1417, 27.8449

Trichromacy



Original Color

27.1245, 25.3199, 26.7502

Protanomaly

25.3980, 25.2102, 27.9535

Deuteranomaly

26.1420, 25.2204, 26.4119

Tritanomaly

27.1356, 25.1126, 27.4618

Monochromacy



Original Color

27.1245, 25.3199, 26.7502

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.6771, 25.7683, 28.0465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1245, 25.3199, 26.7502 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(161, 130, 136)` looks like.

```
.text, #text, p{  
    color:rgb(161, 130, 136)  
}
```

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(161, 130, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 130, 136) }
```

Border

The CSS property to change the border of an element to XYZ 27.1245, 25.3199, 26.7502 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(161, 130, 136) }
```


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

```
.border{ border-color:rgb(161, 130, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 130, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 130, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 130, 136);  
box-shadow:4px 4px 4px 4px rgb(161, 130,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1245, 25.3199, 26.7502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 130, 136) }
```

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

```
.background{ background-color: rgb(161,  
130, 136) }
```

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