

Converting Colors

XYZ(24.5754, 27.2091, 26.1412)

Have a look what the booklet for
XYZ(24.5754, 27.2091, 26.1412)
contains.

XYZ(24.5124, 27.1785, 26.1443)	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(24.5124, 27.1785,
26.1443)**

Conversions

Conversions Part 1

Format	Color
Hex	889185
RGB	136, 145, 133
RGB Percent	53%, 57%, 52%
CMY	0.4667, 0.4314, 0.4784
CMYK	0.06, 0.00, 0.08, 0.43
HSL	105°, 5%, 55%
HSV	105°, 8%, 57%
XYZ	24.5124, 27.1785, 26.1443
YIQ	140.9410, -1.5120, -5.6400

Conversions

Conversions Part 2

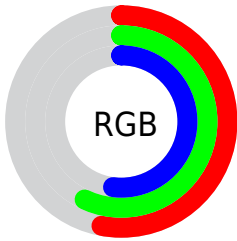
Format	Color
R_{YB}	133, 145, 142
Decimal	8950149
CIE Lab	59.14, -5.61, 5.24
CIE LCh	59, 7.680, 136.961
Yxy	27.1785, 0.3149, 0.3492
Android (android.graphics.Color)	4287140229 (0xFF889185)
YUV	140.9410, -3.9149, -4.3333
Hunter-Lab	52.1330, -7.3039, 6.7596

Details

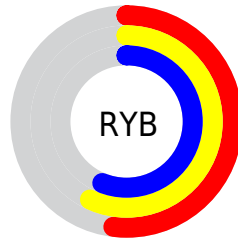
The XYZ color **24.5124, 27.1785, 26.1443** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.6547, 24.5709, 30.2327**, and the grayscale version is **25.3102, 26.6283, 28.9983**.

A 20% lighter version of the original color is **50.2726, 55.2108, 54.4615**, and **9.5302, 10.8029, 9.9704** is the 20% darker color. If you saturate the color by 10%, you get **21.9015, 25.9412, 21.1488**, and if you desaturate by 10%, it is **27.4424, 28.5659, 31.8779**.

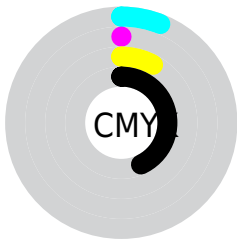
Distribution



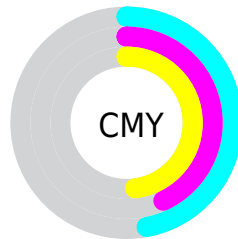
- Red (53%)
- Green (57%)
- Blue (52%)



- Red (52%)
- Yellow (57%)
- Blue (56%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (43%)



- Cyan (47%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5124, 27.1785, 26.1443 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 24.5124, 27.1785, 26.1443 by changing the saturation by 10% instead.

■ 24.5124, 27.1785,
26.1443

■ 24.5124, 27.1785,
26.1443

267.7935,
288.5203, 297.1177

■ 15.8409, 17.7073,
16.7049

■ 50.3137, 55.1702,
54.4946

■ 9.5018, 10.7401,
9.8646

■ 68.1742, 74.4595,
74.2425

■ 5.1296, 5.8923,
5.2048

■ 89.8285, 97.7902,
98.2638

■ 2.3591, 2.7797,
2.3071

115.6419,
125.5469, 126.9768

■ 0.8246, 1.0178,
0.7352

145.9798,
158.1139, 160.8001

■ 0.0000, 0.0000,
0.0000

181.2074,

195.8755, 200.1524

221.6902,
239.2162, 245.4521

■ 24.5124, 27.1785,
26.1443

■ 24.5124, 27.1785,
26.1443

■ 21.9015, 25.9412,
21.1488

■ 27.4424, 28.5659,
31.8779

■ 19.5965, 24.8455,
16.8596

■ 30.6997, 30.1046,
38.3759

■ 17.5866, 23.8872,
13.2454

■ 34.2949, 31.8004,
45.6658

■ 15.8594, 23.0609,
10.2719

■ 38.2375, 33.6575,
53.7728

■ 14.4016, 22.3603,
7.9014

■ 42.5367, 35.6802,
62.7214

■ 13.1989, 21.7791,
6.0928

■ 47.2011, 37.8725,
72.5346

■ 12.2355, 21.3100,
4.7994

■ 52.2394, 40.2382,
83.2351

■ 11.4934, 20.9451,
3.9673

■ 57.6595, 42.7810,
94.8442

■ 10.9433, 20.6716,
3.4850

■ 62.0698, 44.9448,
100.0115

Harmonies

Analogous

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



25.3000, 27.1785, 24.8389



24.5124, 27.1785, 26.1443



24.0832, 27.1785, 28.4212

Triad

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



24.5124, 27.1785, 26.1443



25.4200, 27.1785, 35.0217



27.6302, 27.1785, 28.0839

Complementary

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



24.5124, 27.1785, 26.1443



24.6547, 24.5709, 30.2327

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.



27.6643, 27.1785, 30.7961



24.5124, 27.1785, 26.1443



26.3721, 27.1785, 34.9175

Square

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



24.5124, 27.1785, 26.1443



24.5984, 27.1785, 33.6083



27.1989, 27.1785, 33.3319



27.1069, 27.1785, 25.9105

Rectangle

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



24.5124, 27.1785, 26.1443



24.0509, 27.1785, 30.2352



27.1989, 27.1785, 33.3319



27.6997, 27.1785, 28.9595

Sweetspot

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



24.5132, 27.1797, 26.1449



47.1002, 50.1887, 53.0629



25.5848, 27.0604, 26.0654



10.4936, 11.1724, 11.8351



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.



24.5132, 27.1797, 26.1449



42.9503, 48.2237, 44.9903



24.2430, 27.0161, 27.2300



5.4614, 6.0905, 5.7771



9.3374, 17.7062, 2.9255



0.1070, 0.1784, 0.0288

Inverse Universe

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



24.6547, 24.5709, 30.2327



43.2588, 42.5352, 53.9037



24.9480, 24.7485, 29.0543



5.4964, 5.4441, 6.7899



9.7920, 4.5416, 23.3376



0.1137, 0.0538, 0.2241

Previews

White Background



This preview shows how the XYZ color 24.5124, 27.1785, 26.1443 looks on a white background.

Color Contrast Check

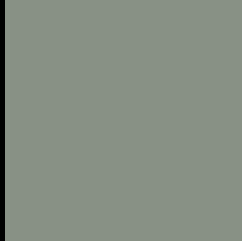
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5124, 27.1785, 26.1443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

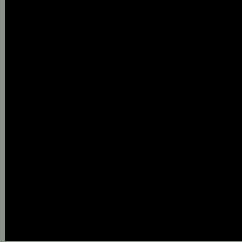
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5124, 27.1785, 26.1443

Background



This preview shows how black text looks on a background with the XYZ color 24.5124, 27.1785, 26.1443.



This preview shows how white text looks on a background with the XYZ color 24.5124, 27.1785,

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

24.5124, 27.1785, 26.1443

Protanopia

25.8024, 27.1877, 25.3606

Deuteranopia

27.6169, 27.0115, 26.6798



Tritanopia

26.0702, 27.1349, 34.0005

Trichromacy



Original Color

24.5124, 27.1785, 26.1443

Protanomaly

25.3150, 27.1505, 25.7361

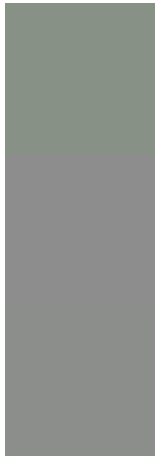
Deuteranomaly

26.4437, 27.0567, 26.3830

Tritanomaly

25.4920, 27.1235, 31.0859

Monochromacy



Original Color

24.5124, 27.1785, 26.1443

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.9079, 26.6699, 27.8798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5124, 27.1785, 26.1443 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(136, 145, 133)` looks like.

```
.text, #text, p{  
    color:rgb(136, 145, 133)  
}
```

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(136, 145, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 145, 133) }
```

Border

The CSS property to change the border of an element to XYZ 24.5124, 27.1785, 26.1443 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(136, 145, 133) }
```


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

```
.border{ border-color:rgb(136, 145, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 145, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 145, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 145, 133);  
box-shadow:4px 4px 4px 4px rgb(136, 145,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5124, 27.1785, 26.1443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 145, 133) }
```

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

```
.background{ background-color: rgb(136,  
145, 133) }
```

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