

Converting Colors

XYZ(24.6644, 27.3290, 21.8616)

Have a look what the booklet for
XYZ(24.6644, 27.3290, 21.8616)
contains.

XYZ(24.6709, 27.3576, 21.7496)	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(24.6709, 27.3576,
21.7496)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9178
RGB	142, 145, 120
RGB Percent	56%, 57%, 47%
CMY	0.4431, 0.4314, 0.5294
CMYK	0.02, 0.00, 0.17, 0.43
HSL	67°, 10%, 52%
HSV	67°, 17%, 57%
XYZ	24.6709, 27.3576, 21.7496
YIQ	141.2530, 6.2370, -8.4110

Conversions

Conversions Part 2

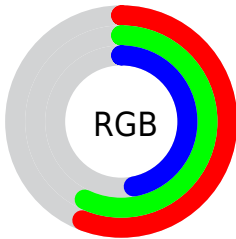
Format	Color
R_{YB}	120, 145, 123
Decimal	9343352
CIE _{Lab}	59.30, -5.64, 12.92
CIE _{LCh}	59, 14.098, 113.574
Yxy	27.3576, 0.3344, 0.3708
Android (android.graphics.Color)	4287533432 (0xFF8E9178)
YUV	141.2530, -10.4777, 0.6551
Hunter-Lab	52.3045, -7.3383, 11.9588

Details

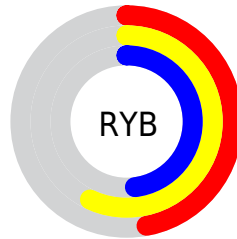
The XYZ color **24.6709, 27.3576, 21.7496** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.9967, 19.6890, 29.5359**, and the grayscale version is **25.4554, 26.7811, 29.1646**.

A 20% lighter version of the original color is **50.6348, 55.5612, 47.0854**, and **9.6432, 10.9147, 7.5597** is the 20% darker color. If you saturate the color by 10%, you get **23.5605, 26.8801, 17.4466**, and if you desaturate by 10%, it is **25.9207, 27.8932, 26.7559**.

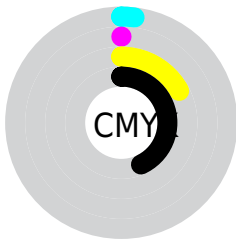
Distribution



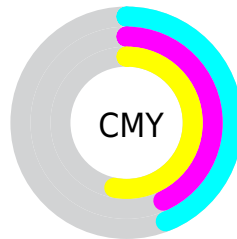
- Red (56%)
- Green (57%)
- Blue (47%)



- Red (47%)
- Yellow (57%)
- Blue (48%)



- Cyan (2%)
- Magenta (0%)
- Yellow (17%)
- Black (43%)



- Cyan (44%)
- Magenta (43%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6709, 27.3576, 21.7496 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 24.6709, 27.3576, 21.7496 by changing the saturation by 10% instead.

■ 24.6709, 27.3576,
21.7496

■ 24.6709, 27.3576,
21.7496

268.5730,
289.3844, 274.1465

■ 15.9595, 17.8420,
13.4765

■ 50.5696, 55.4572,
47.2287

■ 9.5861, 10.8366,
7.6229

■ 68.4875, 74.8099,
65.2717

■ 5.1856, 5.9571,
3.7703

■ 90.2050, 98.2105,
87.4084

■ 2.3924, 2.8190,
1.5002

116.0874,
126.0432, 114.0574

■ 0.8413, 1.0380,
0.2181

146.5000,
158.6926, 145.6371

■ 0.0000, 0.0000,
0.0000

181.8082,

196.5430, 182.5662

222.3775,
239.9788, 225.2632

■ 24.6709, 27.3576,
21.7496

■ 24.6709, 27.3576,
21.7496

■ 23.5605, 26.8801,
17.4466

■ 25.9207, 27.8932,
26.7559

■ 22.5814, 26.4547,
13.8138

■ 27.3134, 28.4856,
32.4934

■ 21.7278, 26.0801,
10.8178

■ 28.8550, 29.1381,
38.9902

■ 20.9927, 25.7534,
8.4219

■ 30.5505, 29.8528,
46.2729

■ 20.3684, 25.4716,
6.5855

■ 32.4046, 30.6314,
54.3665

■ 19.8462, 25.2311,
5.2629

■ 34.4221, 31.4759,
63.2949

■ 19.4161, 25.0280,
4.4015

■ 36.6072, 32.3880,
73.0812

■ 19.0602, 24.8551,
3.9078

■ 38.9642, 33.3694,
83.7474

■ 18.9662, 24.8092,
3.7890

■ 41.4971, 34.4218,
95.3148

Harmonies

Analogous

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



26.3837, 27.3576, 21.1480



24.6709, 27.3576, 21.7496



23.3705, 27.3576, 24.3893

Triad

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



24.6709, 27.3576, 21.7496



24.0421, 27.3576, 38.2978



29.5170, 27.3576, 30.8871

Complementary

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



24.6709, 27.3576, 21.7496



19.9967, 19.6890, 29.5359

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.



28.8253, 27.3576, 35.9293



24.6709, 27.3576, 21.7496



25.6252, 27.3576, 40.5086

Square

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



24.6709, 27.3576, 21.7496



23.0190, 27.3576, 33.8396



27.3813, 27.3576, 39.5963



29.2334, 27.3576, 26.0730

Rectangle

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



24.6709, 27.3576, 21.7496



22.8861, 27.3576, 27.1271



27.3813, 27.3576, 39.5963



29.3899, 27.3576, 32.6169

Sweetspot

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



24.6716, 27.3588, 21.7502



46.9291, 50.1681, 49.9985



22.1407, 21.5218, 20.7569



10.4064, 11.1461, 10.9858



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.



24.6716, 27.3588, 21.7502



43.3167, 48.6215, 35.5662



22.6586, 26.3211, 21.6560



5.7767, 6.2530, 5.7919



16.2815, 21.2860, 3.2505



0.1673, 0.2095, 0.0316

Inverse Universe

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



19.9967, 19.6890, 29.5359



33.2063, 32.0327, 52.4063



21.8870, 20.6635, 29.6243



5.1861, 5.2841, 6.7754



4.6014, 1.8657, 23.0947



0.0534, 0.0227, 0.2212

Previews

White Background



This preview shows how the XYZ color 24.6709, 27.3576, 21.7496 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 24.6709, 27.3576, 21.7496 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

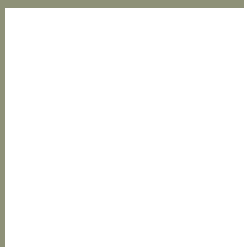
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6709, 27.3576, 21.7496

Background



This preview shows how black text looks on a background with the XYZ color 24.6709, 27.3576, 21.7496.



This preview shows how white text looks on a background with the XYZ color 24.6709, 27.3576,

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

24.6709, 27.3576, 21.7496

Protanopia

25.7653, 27.2572, 21.3560

Deuteranopia

27.7684, 27.1890, 22.1968



Tritanopia

27.0464, 27.4277, 33.5743

Trichromacy



Original Color

24.6709, 27.3576, 21.7496

Protanomaly

25.3650, 27.2727, 21.3800

Deuteranomaly

26.5396, 27.2046, 21.9414

Tritanomaly

26.0837, 27.2592, 28.6977

Monochromacy



Original Color

24.6709, 27.3576, 21.7496

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.8911, 26.7022, 26.0324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6709, 27.3576, 21.7496 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(142, 145, 120)` looks like.

```
.text, #text, p{  
    color:rgb(142, 145, 120)  
}
```

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(142, 145, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 145, 120) }
```

Border

The CSS property to change the border of an element to XYZ 24.6709, 27.3576, 21.7496 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(142, 145, 120) }
```


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

```
.border{ border-color:rgb(142, 145, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 145, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 145, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 145, 120);  
box-shadow:4px 4px 4px 4px rgb(142, 145,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6709, 27.3576, 21.7496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 145, 120) }
```

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

```
.background{ background-color: rgb(142,  
145, 120) }
```

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