

Converting Colors

XYZ(27.3983, 24.7011, 25.6929)

Have a look what the booklet for
XYZ(27.3983, 24.7011, 25.6929)
contains.

XYZ(27.4204, 24.7222, 25.5169)	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(27.4204, 24.7222,
25.5169)**

Conversions

Conversions Part 1

Format	Color
Hex	A67E85
RGB	166, 126, 133
RGB Percent	65%, 49%, 52%
CMY	0.3490, 0.5059, 0.4784
CMYK	0.00, 0.24, 0.20, 0.35
HSL	350°, 18%, 57%
HSV	350°, 24%, 65%
XYZ	27.4204, 24.7222, 25.5169
YIQ	138.7580, 21.5930, 10.6570

Conversions

Conversions Part 2

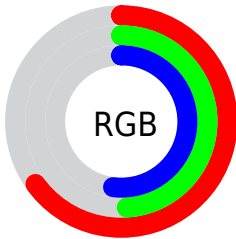
Format	Color
R_{YB}	166, 126, 133
Decimal	10911365
CIE Lab	56.80, 16.57, 2.22
CIE LCh	57, 16.719, 7.621
Yxy	24.7222, 0.3531, 0.3183
Android (android.graphics.Color)	4289101445 (0xFFA67E85)
YUV	138.7580, -2.8387, 23.8912
Hunter-Lab	49.7214, 11.4268, 4.3775

Details

The XYZ color **27.4204, 24.7222, 25.5169** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.4995, 34.2119, 37.9042**, and the grayscale version is **24.4529, 25.7264, 28.0160**.

A 20% lighter version of the original color is **55.1072, 51.3150, 53.4547**, and **11.0642, 9.4586, 9.6300** is the 20% darker color. If you saturate the color by 10%, you get **24.5860, 20.4700, 20.2041**, and if you desaturate by 10%, it is **30.7319, 29.7305, 31.5981**.

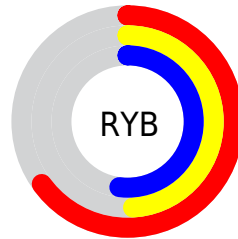
Distribution



Red (65%)

Green (49%)

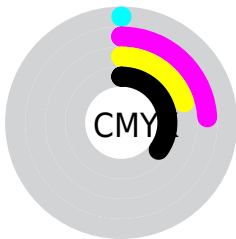
Blue (52%)



Red (65%)

Yellow (49%)

Blue (52%)

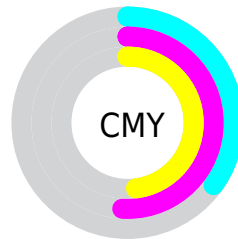


Cyan (0%)

Magenta (24%)

Yellow (20%)

Black (35%)



Cyan (35%)


Magenta (51%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4204, 24.7222, 25.5169 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 27.4204, 24.7222, 25.5169 by changing the saturation by 10% instead.


 27.4204, 24.7222,
25.5169


 27.4204, 24.7222,
25.5169


281.8175,
276.4516, 293.9321


 18.0274, 15.8702,
16.2401


 54.9729, 51.2062,
53.4690

 11.0695, 9.4324,
9.5380


 73.8631, 69.6070,
72.9814

 6.1812, 5.0242,
4.9922


 96.6498, 91.9595,
96.7427

 2.9973, 2.2615,
2.1840

123.6983,
118.6481, 125.1715

 1.1523, 0.7532,
0.6651

155.3739,
150.0572, 158.6863

 0.0682, 0.0000,
0.0000

192.0421,

 0.0000, 0.0000,

186.5713, 197.7056

0.0000

234.0682,
228.5746, 242.6480

■ 27.4204, 24.7222,
25.5169

■ 27.4204, 24.7222,
25.5169

■ 24.5860, 20.4700,
20.2041

■ 30.7319, 29.7305,
31.5981

■ 22.2044, 16.9339,
15.6274

■ 34.5389, 35.5255,
38.4751

■ 20.2524, 14.0753,
11.7544

■ 38.8617, 42.1406,
46.1759

■ 18.7041, 11.8506,
8.5499

■ 43.7186, 49.6058,
54.7266

■ 17.5303, 10.2112,
5.9754

■ 49.1270, 57.9500,
64.1523

■ 16.6980, 9.1013,
3.9882

■ 55.1036, 67.2004,
74.4768

■ 16.1683, 8.4542,
2.5404

■ 61.6644, 77.3833,
85.7233

■ 15.9482, 8.1959,
1.9063

■ 67.5989, 86.0722,
97.5052

■ 69.5360, 86.8470,
107.7060

Harmonies

Analogous

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



27.1446, 24.7222, 31.2248



27.4204, 24.7222, 25.5169



26.5999, 24.7222, 20.8717

Triad

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



27.4204, 24.7222, 25.5169



21.2788, 24.7222, 19.2657



22.0965, 24.7222, 38.1398

Complementary

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



27.4204, 24.7222, 25.5169



28.4995, 34.2119, 37.9042

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.



20.6466, 24.7222, 34.0326



27.4204, 24.7222, 25.5169



20.1931, 24.7222, 23.0271

Square

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



27.4204, 24.7222, 25.5169



23.0032, 24.7222, 17.6025



19.9682, 24.7222, 28.3700



23.9993, 24.7222, 39.0491

Rectangle

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



27.4204, 24.7222, 25.5169



25.5670, 24.7222, 18.8178



19.9682, 24.7222, 28.3700



21.5432, 24.7222, 37.0624

Sweetspot

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



27.4211, 24.7233, 25.5174



60.4894, 61.1272, 65.8831



28.5767, 25.0130, 39.3985



13.4476, 13.5438, 14.5833



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.4211, 24.7233, 25.5174



46.8602, 40.5017, 40.8917



28.6770, 27.9833, 23.6300



7.5827, 7.5629, 8.1197



12.3797, 6.3606, 1.5450



0.3162, 0.1608, 0.1168

Inverse Universe

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



27.4211, 24.7233, 25.5174



46.8602, 40.5017, 40.8917



26.9340, 30.0814, 40.4634



7.5827, 7.5629, 8.1197



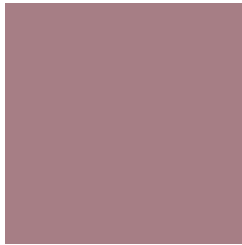
12.3797, 6.3606, 1.5450



0.3162, 0.1608, 0.1168

Previews

White Background



This preview shows how the XYZ color 27.4204, 24.7222, 25.5169 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 27.4204, 24.7222, 25.5169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

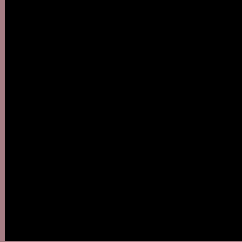
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4204, 24.7222, 25.5169

Background



This preview shows how black text looks on a background with the XYZ color 27.4204, 24.7222, 25.5169.



This preview shows how white text looks on a background with the XYZ color 27.4204, 24.7222,

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

27.4204, 24.7222, 25.5169

Protanopia

23.9456, 24.8757, 27.9655

Deuteranopia

25.1786, 24.7478, 25.2795



Tritanopia

27.5599, 24.7780, 26.2517

Trichromacy



Original Color

27.4204, 24.7222, 25.5169

Protanomaly

24.9794, 24.6046, 27.0995

Deuteranomaly

25.8578, 24.6991, 25.2344

Tritanomaly

27.4898, 24.7499, 25.8826

Monochromacy



Original Color

27.4204, 24.7222, 25.5169

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.4349, 25.2459, 27.1993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4204, 24.7222, 25.5169 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(166, 126, 133)` looks like.

```
.text, #text, p{  
    color:rgb(166, 126, 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(166, 126, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 126, 133) }
```

Border

The CSS property to change the border of an element to XYZ 27.4204, 24.7222, 25.5169 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(166, 126, 133) }
```


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

```
.border{ border-color:rgb(166, 126, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 126, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 126, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 126, 133); box-shadow:4px 4px 4px 4px rgb(166, 126, 133) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4204, 24.7222, 25.5169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 126, 133) }
```

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

```
.background{ background-color: rgb(166,  
126, 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](#).

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