

Converting Colors

XYZ(27.4754, 27.3197, 9.4553)

Have a look what the booklet for
XYZ(27.4754, 27.3197, 9.4553)
contains.

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Color

**XYZ(27.4754, 27.3197,
9.4553)**

Conversions

Conversions Part 1

Format	Color
Hex	AE8945
RGB	174, 137, 69
RGB Percent	68%, 54%, 27%
CMY	0.3176, 0.4627, 0.7294
CMYK	0.00, 0.21, 0.60, 0.32
HSL	39°, 43%, 48%
HSV	39°, 60%, 68%
XYZ	27.4754, 27.3197, 9.4553
YIQ	140.3110, 43.8800, -13.3040

Conversions

Conversions Part 2

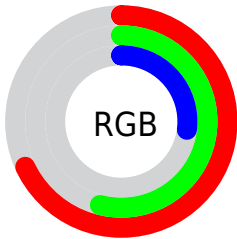
Format	Color
R_{YB}	126, 174, 69
Decimal	11438405
CIE _{Lab}	59.27, 6.17, 41.21
CIE _{LCh}	59, 41.667, 81.490
Yxy	27.3197, 0.4276, 0.4252
Android (android.graphics.Color)	4289628485 (0xFFAE8945)
YUV	140.3110, -35.1563, 29.5453
Hunter-Lab	52.2683, 2.3611, 25.8622

Details

The XYZ color **27.4754, 27.3197, 9.4553** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **15.2480, 14.6286, 42.0641**, and the grayscale version is **25.1696, 26.4803, 28.8371**.

A 20% lighter version of the original color is **55.0219, 55.3146, 25.2296**, and **11.0057, 10.7184, 2.1506** is the 20% darker color. If you saturate the color by 10%, you get **26.1658, 25.4418, 6.7337**, and if you desaturate by 10%, it is **28.9942, 29.3626, 13.0286**.

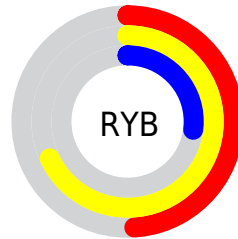
Distribution



Red (68%)

Green (54%)

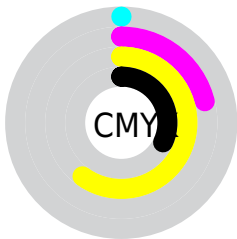
Blue (27%)



Red (49%)

Yellow (68%)

Blue (27%)

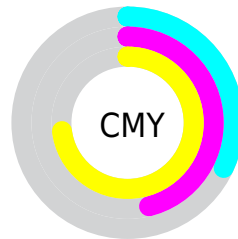


Cyan (0%)

Magenta (21%)

Yellow (60%)

Black (32%)



Cyan (32%)

Magenta (46%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4754, 27.3197, 9.4553 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 27.4754, 27.3197, 9.4553 by changing the saturation by 10% instead.

■ 27.4754, 27.3197,
9.4553

■ 27.4754, 27.3197,
9.4553

282.0774,
289.2017, 197.0804

■ 18.0690, 17.8135,
4.9385

■ 55.0603, 55.3965,
25.3574

■ 11.0995, 10.8162,
2.1531

■ 73.9696, 74.7358,
37.5798

■ 6.2016, 5.9433,
0.6471

■ 96.7771, 98.1216,
53.2077

■ 3.0099, 2.8107,
0.0000

■ 123.8484,
125.9383, 72.6598

■ 1.1590, 1.0337,
0.0000

■ 155.5487,
158.5702, 96.3546

■ 0.0736, 0.0000,
0.0000

192.2434,

■ 0.0000, 0.0000,

196.4019, 124.7106

0.0000

234.2978,
239.8176, 158.1464

■ 27.4754, 27.3197,
9.4553

■ 27.4754, 27.3197,
9.4553

■ 26.1658, 25.4418,
6.7337

■ 28.9942, 29.3626,
13.0286

■ 25.0483, 23.7177,
4.7865

■ 30.7337, 31.5733,
17.5183

■ 24.1059, 22.1402,
3.5252

■ 32.7065, 33.9590,
22.9850

■ 23.3264, 20.7405,
2.7739

■ 34.9238, 36.5256,
29.4832

■ 37.3959, 39.2782,
37.0636

■ 40.1325, 42.2219,
45.7735

■ 43.1426, 45.3615,
55.6575

■ 46.4349, 48.7015,
66.7574

■ 50.0176, 52.2464,
79.1133

Harmonies

Analogous

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



32.7073, 27.3197, 12.4873



27.4754, 27.3197, 9.4553



22.4713, 27.3197, 10.2578

Triad

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



27.4754, 27.3197, 9.4553



17.7256, 27.3197, 41.5258



34.6082, 27.3197, 51.3912

Complementary

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



27.4754, 27.3197, 9.4553



15.2480, 14.6286, 42.0641

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.



29.8067, 27.3197, 65.1649



27.4754, 27.3197, 9.4553



20.2221, 27.3197, 58.2713

Square

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



27.4754, 27.3197, 9.4553



17.2757, 27.3197, 25.7047



24.5140, 27.3197, 68.0336



37.1709, 27.3197, 34.1913

Rectangle

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



27.4754, 27.3197, 9.4553



19.8866, 27.3197, 13.0319



24.5140, 27.3197, 68.0336



33.1743, 27.3197, 56.7849

Sweetspot

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



27.4760, 27.3210, 9.4558



64.2191, 67.2379, 56.1031



22.2640, 14.3272, 15.6405



14.0010, 14.6360, 11.6499



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.4760, 27.3210, 9.4558



46.8335, 45.2041, 11.0399



30.7074, 38.1752, 11.3806



8.4216, 8.8480, 8.4773



16.9762, 15.1579, 2.0310



0.5211, 0.5194, 0.0728

Inverse Universe

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



15.2480, 14.6286, 42.0641



22.7951, 20.3219, 75.3580



13.3356, 9.1515, 41.1077



7.8011, 8.2017, 10.1246



6.8149, 4.7636, 29.6048



0.2419, 0.2372, 0.8410

Previews

White Background



This preview shows how the XYZ color 27.4754, 27.3197, 9.4553 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 27.4754, 27.3197, 9.4553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

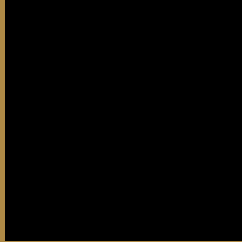
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4754, 27.3197, 9.4553

Background



This preview shows how black text looks on a background with the XYZ color 27.4754, 27.3197, 9.4553.



This preview shows how white text looks on a background with the XYZ color 27.4754, 27.3197,

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

27.4754, 27.3197, 9.4553

Protanopia

25.0603, 27.3690, 9.9232

Deuteranopia

27.7828, 27.2681, 9.4292



Tritanopia

31.3328, 27.2679, 28.0379

Trichromacy



Original Color

27.4754, 27.3197, 9.4553

Protanomaly

25.9402, 27.3845, 9.7129

Deuteranomaly

27.5575, 27.1519, 9.4186

Tritanomaly

29.6486, 27.1824, 19.6037

Monochromacy



Original Color

27.4754, 27.3197, 9.4553

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.2188, 26.3555, 19.6775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4754, 27.3197, 9.4553 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(174, 137, 69)` looks like.

```
.text, #text, p{  
    color:rgb(174, 137, 69)  
}
```

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(174, 137, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 137, 69) }
```

Border

The CSS property to change the border of an element to XYZ 27.4754, 27.3197, 9.4553 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(174, 137, 69) }
```


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

```
.border{ border-color:rgb(174, 137, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 137, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 137, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 137, 69);  
box-shadow:4px 4px 4px 4px rgb(174, 137,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4754, 27.3197, 9.4553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 137, 69) }
```

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

```
.background{ background-color: rgb(174,  
137, 69) }
```

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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