

Converting Colors

XYZ(27.9765, 36.0232, 24.6474)

Have a look what the booklet for
XYZ(27.9765, 36.0232, 24.6474)
contains.

| | |
|--|----|
| XYZ(27.9063, 35.8658, 24.5208) | 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(27.9063, 35.8658,
24.5208)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 84AC7C |
| RGB | 132, 172, 124 |
| RGB Percent | 52%, 67%, 49% |
| CMY | 0.4824, 0.3255, 0.5137 |
| CMYK | 0.23, 0.00, 0.28, 0.33 |
| HSL | 110°, 22%, 58% |
| HSV | 110°, 28%, 67% |
| XYZ | 27.9063, 35.8658, 24.5208 |
| YIQ | 154.5680, -8.4320, -23.4080 |

Conversions

Conversions Part 2

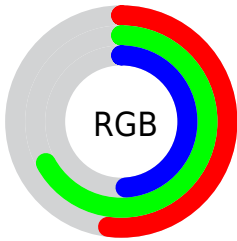
| Format | Color |
|-------------------------------------|--|
| RYB | 124, 172, 164 |
| Decimal | 8694908 |
| CIELab | 66.42, -22.93, 20.42 |
| CIElCh | 66, 30.700, 138.311 |
| Yxy | 35.8658, 0.3161, 0.4062 |
| Android (android.graphics.Color) | 4286884988 (0xFF84AC7C) |
| YUV | 154.5680, -15.0700, -19.7921 |
| Hunter-Lab | 59.8881, -21.6277, 17.6457 |

Details

The XYZ color **27.9063, 35.8658, 24.5208** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.9655, 25.2875, 42.3332**, and the grayscale version is **31.0327, 32.6488, 35.5546**.

A 20% lighter version of the original color is **55.9289, 69.1002, 51.9849**, and **11.3798, 15.6903, 9.0854** is the 20% darker color. If you saturate the color by 10%, you get **24.8226, 34.3921, 19.1852**, and if you desaturate by 10%, it is **31.4897, 37.5773, 30.8717**.

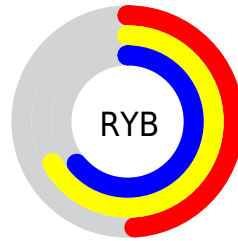
Distribution



Red (52%)

Green (67%)

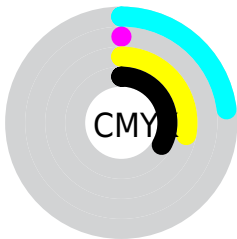
Blue (49%)



Red (49%)

Yellow (67%)

Blue (64%)

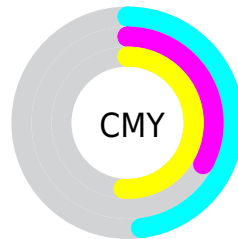


Cyan (23%)

Magenta (0%)

Yellow (28%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9063, 35.8658, 24.5208 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 27.9063, 35.8658, 24.5208 by changing the saturation by 10% instead.

■ 27.9063, 35.8658,
24.5208

■ 27.9063, 35.8658,
24.5208

284.1071,
328.3736, 288.8139

■ 18.3951, 24.3306,
15.5046

■ 55.7445, 68.8249,
51.8332

■ 11.3354, 15.5790,
9.0238

■ 74.8022, 91.0175,
70.9665

■ 6.3619, 9.2268,
4.6597

■ 97.7729, 117.5314,
94.3093

■ 3.1091, 4.8894,
1.9938

125.0218,
148.7510, 122.2800

■ 1.2117, 2.1825,
0.5514

156.9143,
185.0606, 155.2973

■ 0.1156, 0.7104,
0.0000

193.8158,

■ 0.0000, 0.0000,

226.8446, 193.7797

0.0000

236.0916,
274.4875, 238.1457

■ 27.9063, 35.8658,
24.5208

■ 27.9063, 35.8658,
24.5208

■ 24.8226, 34.3921,
19.1852

■ 31.4897, 37.5773,
30.8717

■ 22.2134, 33.1411,
14.8102

■ 35.5908, 39.5317,
38.2843

■ 20.0557, 32.1033,
11.3392

■ 40.2304, 41.7397,
46.8048

■ 18.3230, 31.2666,
8.7090

■ 45.4270, 44.2100,
56.4762

■ 16.9865, 30.6174,
6.8482

■ 51.1985, 46.9508,
67.3391

■ 16.0132, 30.1406,
5.6735

■ 57.5618, 49.9701,
79.4321

■ 15.3581, 29.8160,
5.0490

■ 64.5331, 53.2755,
92.7922

■ 15.2504, 29.7628,
4.9410

■ 71.0463, 56.4415,
101.7575

■ 74.0432, 57.9865,
101.8977

Harmonies

Analogous

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



31.3874, 35.8658, 19.6140



27.9063, 35.8658, 24.5208



26.1465, 35.8658, 34.1450

Triad

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



27.9063, 35.8658, 24.5208



32.3300, 35.8658, 69.4515



43.1869, 35.8658, 31.6272

Complementary

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



27.9063, 35.8658, 24.5208



29.9655, 25.2875, 42.3332

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.



43.4970, 35.8658, 44.4074



27.9063, 35.8658, 24.5208



36.9421, 35.8658, 68.3466

Square

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



27.9063, 35.8658, 24.5208



28.5428, 35.8658, 61.1666



41.1243, 35.8658, 58.4204



40.3116, 35.8658, 23.0358

Rectangle

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



27.9063, 35.8658, 24.5208



26.0708, 35.8658, 42.8258



41.1243, 35.8658, 58.4204



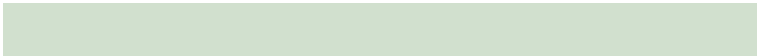
43.6035, 35.8658, 35.5062

Sweetspot

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



27.9072, 35.8673, 24.5216



64.3774, 71.6241, 69.1101



33.9284, 36.7785, 24.3801



13.7405, 15.4464, 14.5640



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.9072, 35.8673, 24.5216



47.3367, 63.4934, 38.7618



27.7995, 35.6852, 30.2346



8.0243, 9.0011, 8.5278



11.3809, 22.1642, 3.6783



0.3533, 0.6355, 0.1040

Inverse Universe

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



29.9655, 25.2875, 42.3332



51.6397, 41.3335, 76.0622



30.2230, 25.5872, 34.7998



8.2041, 8.0795, 10.0798



14.0544, 6.6052, 29.5787



0.4252, 0.2014, 0.8244

Previews

White Background



This preview shows how the XYZ color 27.9063, 35.8658, 24.5208 looks on a white background.

Color Contrast Check

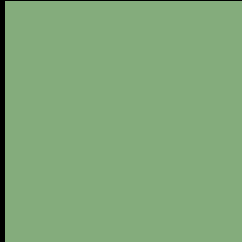
Large Text (above 18pt) WCAG AA × Fail

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 27.9063, 35.8658, 24.5208 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 ✓ Pass

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

XYZ 27.9063, 35.8658, 24.5208

Background



This preview shows how black text looks on a background with the XYZ color 27.9063, 35.8658, 24.5208.



This preview shows how white text looks on a background with the XYZ color 27.9063, 35.8658,

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

27.9063, 35.8658, 24.5208

Protanopia

33.3082, 35.7059, 22.5892

Deuteranopia

36.3567, 35.6926, 25.3952



Tritanopia

32.4755, 35.7873, 47.3155

Trichromacy



Original Color

27.9063, 35.8658, 24.5208

Protanomaly

31.0069, 35.5598, 23.3187

Deuteranomaly

32.7241, 35.3469, 25.1766

Tritanomaly

30.6554, 35.8772, 37.6570

Monochromacy



Original Color

27.9063, 35.8658, 24.5208

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.8115, 33.7064, 31.3203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9063, 35.8658, 24.5208 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(132, 172, 124)` looks like.

```
.text, #text, p{  
    color:rgb(132, 172, 124)  
}
```

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(132, 172, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 172, 124) }
```

Border

The CSS property to change the border of an element to XYZ 27.9063, 35.8658, 24.5208 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(132, 172, 124) }
```


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

```
.border{ border-color:rgb(132, 172, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 172, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 172, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 172, 124);  
box-shadow:4px 4px 4px 4px rgb(132, 172,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9063, 35.8658, 24.5208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 172, 124) }
```

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

```
.background{ background-color: rgb(132,  
172, 124) }
```

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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