

Converting Colors

XYZ(25.9894, 32.4546, 29.5078)

Have a look what the booklet for
XYZ(25.9894, 32.4546, 29.5078)
contains.

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Color

**XYZ(25.9617, 32.5526,
29.3410)**

Conversions

Conversions Part 1

Format	Color
Hex	7AA48B
RGB	122, 164, 139
RGB Percent	48%, 64%, 55%
CMY	0.5216, 0.3568, 0.4549
CMYK	0.26, 0.00, 0.15, 0.36
HSL	144°, 19%, 56%
HSV	144°, 26%, 64%
XYZ	25.9617, 32.5526, 29.3410
YIQ	148.5920, -17.0070, -16.6790

Conversions

Conversions Part 2

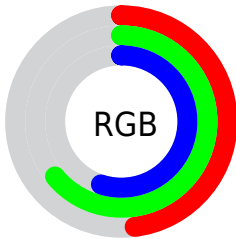
Format	Color
RYB	122, 152, 164
Decimal	8037515
CIELab	63.80, -19.54, 8.40
CIELCh	64, 21.266, 156.737
Yxy	32.5526, 0.2955, 0.3705
Android (android.graphics.Color)	4286227595 (0xFF7AA48B)
YUV	148.5920, -4.7289, -23.3212
Hunter-Lab	57.0549, -18.6231, 9.4480

Details

The XYZ color **25.9617, 32.5526, 29.3410** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.5370, 23.9190, 30.7707**, and the grayscale version is **28.4208, 29.9009, 32.5621**.

A 20% lighter version of the original color is **52.5251, 63.5828, 59.3735**, and **10.2698, 13.6873, 11.5518** is the 20% darker color. If you saturate the color by 10%, you get **23.1510, 31.1833, 25.6510**, and if you desaturate by 10%, it is **29.2299, 34.1522, 33.3864**.

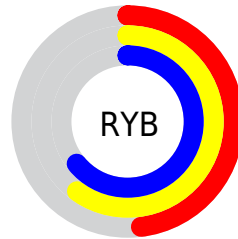
Distribution



Red (48%)

Green (64%)

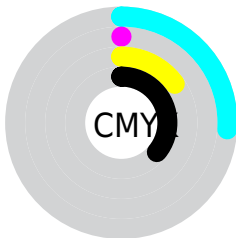
Blue (55%)



Red (48%)

Yellow (60%)

Blue (64%)

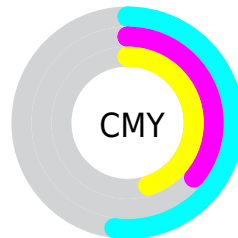


Cyan (26%)

Magenta (0%)

Yellow (15%)

Black (36%)



Cyan (52%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9617, 32.5526, 29.3410 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 25.9617, 32.5526, 29.3410 by changing the saturation by 10% instead.

■ 25.9617, 32.5526,
29.3410

■ 25.9617, 32.5526,
29.3410

274.8542,
313.6289, 312.9316

■ 16.9275, 21.7839,
19.0911

■ 52.6449, 63.6764,
59.6671

■ 10.2778, 13.6982,
11.5587

■ 71.0246, 84.8003,
80.5803

■ 5.6472, 7.9111,
6.3251

■ 93.2502, 110.1448,
105.8852

■ 2.6704, 4.0381,
2.9718

119.6871,
140.0941, 136.0001

■ 0.9820, 1.6949,
1.0802

150.7006,
175.0328, 171.3437

■ 0.0000, 0.4204,
0.0000

186.6560,

■ 0.0000, 0.0000,

215.3453, 212.3344

0.0000

227.9187,
261.4158, 259.3909

■ 25.9617, 32.5526,
29.3410

■ 25.9617, 32.5526,
29.3410

■ 23.1510, 31.1833,
25.6510

■ 29.2299, 34.1522,
33.3864

■ 20.7736, 30.0293,
22.3045

■ 32.9726, 35.9879,
37.7942

■ 18.8075, 29.0804,
19.2921

■ 37.2096, 38.0708,
42.5742

■ 17.2273, 28.3237,
16.6033

■ 41.9584, 40.4096,
47.7348

■ 16.0047, 27.7447,
14.2268

■ 47.2358, 43.0128,
53.2844

■ 15.1071, 27.3270,
12.1507

■ 53.0577, 45.8885,
59.2310

■ 14.4928, 27.0493,
10.3620

■ 59.4396, 49.0445,
65.5825

■ 14.2707, 26.9500,
9.6627

■ 66.3960, 52.4882,
72.3464

■ 68.3624, 53.3507,
79.2690

Harmonies

Analogous

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



27.6330, 32.5526, 23.8368



25.9617, 32.5526, 29.3410



25.5837, 32.5526, 37.4075

Triad

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



25.9617, 32.5526, 29.3410



31.6184, 32.5526, 54.4005



35.7711, 32.5526, 26.4942

Complementary

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



25.9617, 32.5526, 29.3410



27.5370, 23.9190, 30.7707

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.



36.9967, 32.5526, 33.5509



25.9617, 32.5526, 29.3410



34.5015, 32.5526, 50.3148

Square

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



25.9617, 32.5526, 29.3410



28.7285, 32.5526, 52.7897



36.5178, 32.5526, 42.3401



33.2627, 32.5526, 22.3873

Rectangle

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



25.9617, 32.5526, 29.3410



26.0927, 32.5526, 43.3648



36.5178, 32.5526, 42.3401



36.3539, 32.5526, 28.5521

Sweetspot

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



25.9626, 32.5540, 29.3417



58.0390, 64.4330, 66.5043



28.8580, 34.1791, 23.4890



12.4686, 13.9785, 14.2823



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.9626, 32.5540, 29.3417



43.9793, 57.5538, 49.1806



27.6303, 33.2210, 38.1236



7.0988, 7.9403, 8.1321



10.9639, 20.6719, 7.5267



0.2535, 0.4436, 0.2797

Inverse Universe

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



27.5370, 23.9190, 30.7707



47.3526, 39.0445, 52.2366



26.0492, 23.3238, 22.9359



7.2424, 7.1534, 8.2628



13.4396, 6.7319, 9.5056



0.3049, 0.1505, 0.3183

Previews

White Background



This preview shows how the XYZ color 25.9617, 32.5526, 29.3410 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 25.9617, 32.5526, 29.3410 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 25.9617, 32.5526, 29.3410

Background



This preview shows how black text looks on a background with the XYZ color 25.9617, 32.5526, 29.3410.



This preview shows how white text looks on a background with the XYZ color 25.9617, 32.5526,

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

25.9617, 32.5526, 29.3410

Protanopia

30.5566, 32.4095, 27.1994

Deuteranopia

32.8635, 32.3321, 30.0998



Tritanopia

28.7466, 32.3640, 43.7615

Trichromacy



Original Color

25.9617, 32.5526, 29.3410

Protanomaly

28.7034, 32.4343, 28.0402

Deuteranomaly

29.6897, 31.9043, 29.7926

Tritanomaly

27.6942, 32.4634, 38.0641

Monochromacy



Original Color

25.9617, 32.5526, 29.3410

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.3139, 30.6445, 31.2634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9617, 32.5526, 29.3410 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(122, 164, 139)` looks like.

```
.text, #text, p{  
    color:rgb(122, 164, 139)  
}
```

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(122, 164, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 164, 139) }
```

Border

The CSS property to change the border of an element to XYZ 25.9617, 32.5526, 29.3410 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(122, 164, 139) }
```


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

```
.border{ border-color:rgb(122, 164, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 164, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 164, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 164, 139); box-shadow:4px 4px 4px 4px rgb(122, 164, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9617, 32.5526, 29.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 164, 139) }
```

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

```
.background{ background-color: rgb(122,  
164, 139) }
```

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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