

Converting Colors

XYZ(25.2617, 31.6560, 29.5897)

Have a look what the booklet for
XYZ(25.2617, 31.6560, 29.5897)
contains.

XYZ(25.2617, 31.6560, 29.5897)	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(25.2617, 31.6560,
29.5897)**

Conversions

Conversions Part 1

Format	Color
Hex	77A28C
RGB	119, 162, 140
RGB Percent	47%, 64%, 55%
CMY	0.5333, 0.3647, 0.4510
CMYK	0.27, 0.00, 0.14, 0.36
HSL	149°, 19%, 55%
HSV	149°, 27%, 64%
XYZ	25.2617, 31.6560, 29.5897
YIQ	146.6350, -18.5660, -15.9580

Conversions

Conversions Part 2

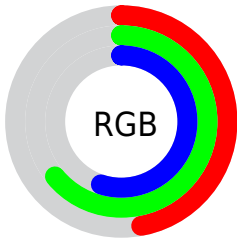
Format	Color
RYB	119, 148, 162
Decimal	7840396
CIELab	63.06, -19.29, 6.76
CIELCh	63, 20.442, 160.689
Yxy	31.6560, 0.2920, 0.3659
Android (android.graphics.Color)	4286030476 (0xFF77A28C)
YUV	146.6350, -3.2711, -24.2359
Hunter-Lab	56.2637, -18.3171, 8.2033

Details

The XYZ color **25.2617, 31.6560, 29.5897** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.3059, 22.7989, 28.2149**, and the grayscale version is **27.6017, 29.0392, 31.6237**.

A 20% lighter version of the original color is **51.5637, 62.2914, 60.3447**, and **9.8756, 13.1553, 11.6916** is the 20% darker color. If you saturate the color by 10%, you get **22.6368, 30.3717, 26.3959**, and if you desaturate by 10%, it is **28.3134, 33.1568, 33.0452**.

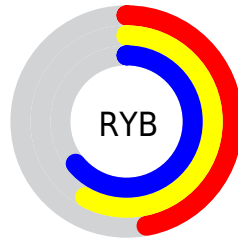
Distribution



Red (47%)

Green (64%)

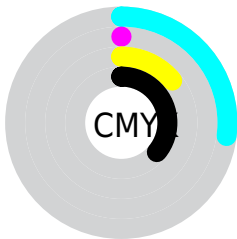
Blue (55%)



Red (47%)

Yellow (58%)

Blue (64%)

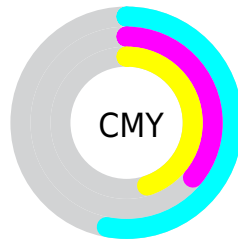


Cyan (27%)

Magenta (0%)

Yellow (14%)

Black (36%)



Cyan (53%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2617, 31.6560, 29.5897 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 25.2617, 31.6560, 29.5897 by changing the saturation by 10% instead.

■ 25.2617, 31.6560,
29.5897

■ 25.2617, 31.6560,
29.5897

271.4624,
309.5492, 314.1348

■ 16.4019, 21.0989,
19.2780

■ 51.5213, 62.2714,
60.0660

■ 9.9016, 13.1963,
11.6925

■ 69.6518, 83.0985,
81.0677

■ 5.3956, 7.5639,
6.4146

■ 91.6033, 108.1177,
106.4697

■ 2.5183, 3.8172,
3.0260

117.7411,
137.7134, 136.6907

■ 0.9045, 1.5718,
1.1079

148.4305,
172.2700, 172.1492

■ 0.0000, 0.3385,
0.0000

184.0370,

■ 0.0000, 0.0000,

212.1719, 213.2637

0.0000

224.9258,
257.8035, 260.4527

■ 25.2617, 31.6560,
29.5897

■ 25.2617, 31.6560,
29.5897

■ 22.6368, 30.3717,
26.3959

■ 28.3134, 33.1568,
33.0452

■ 20.4159, 29.2895,
23.4555

■ 31.8081, 34.8796,
36.7662

■ 18.5779, 28.3997,
20.7627

■ 35.7644, 36.8349,
40.7593

■ 17.0987, 27.6899,
18.3108

■ 40.1989, 39.0310,
45.0299

■ 15.9512, 27.1462,
16.0925

■ 45.1275, 41.4761,
49.5836

■ 15.1042, 26.7528,
14.1004

■ 50.5653, 44.1779,
54.4256

■ 14.5131, 26.4868,
12.3259

■ 56.5267, 47.1436,
59.5609

■ 14.3363, 26.4079,
11.7605

■ 63.0255, 50.3803,
64.9946

■ 66.3755, 51.9876,
70.5584

Harmonies

Analogous

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



26.6941, 31.6560, 23.9955



25.2617, 31.6560, 29.5897



25.0746, 31.6560, 37.4250

Triad

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



25.2617, 31.6560, 29.5897



31.1036, 31.6560, 52.0629



34.3836, 31.6560, 25.3140

Complementary

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



25.2617, 31.6560, 29.5897



26.3059, 22.7989, 28.2149

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.



35.7288, 31.6560, 31.6710



25.2617, 31.6560, 29.5897



33.7582, 31.6560, 47.6149

Square

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



25.2617, 31.6560, 29.5897



28.3327, 31.6560, 51.2725



35.4931, 31.6560, 39.8550



31.9145, 31.6560, 21.8064

Rectangle

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



25.2617, 31.6560, 29.5897



25.6676, 31.6560, 43.0041



35.4931, 31.6560, 39.8550



34.9890, 31.6560, 27.1436

Sweetspot

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



25.2626, 31.6573, 29.5904



56.6669, 62.7879, 65.6242



27.2726, 32.8557, 22.3576



12.5126, 13.9960, 14.5139



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.



25.2626, 31.6573, 29.5904



42.8795, 56.0086, 50.1440



26.9872, 32.3472, 38.6721



7.1229, 7.9500, 8.2592



11.3157, 20.8126, 9.3789



0.2616, 0.4469, 0.3228

Inverse Universe

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



26.3059, 22.7989, 28.2149



45.1058, 37.1055, 47.2077



24.8710, 22.2250, 20.6588



7.2179, 7.1436, 8.1340



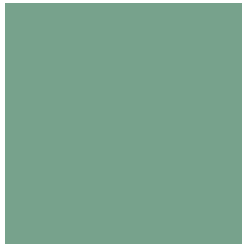
12.9873, 6.5510, 7.1239



0.2967, 0.1472, 0.2750

Previews

White Background



This preview shows how the XYZ color 25.2617, 31.6560, 29.5897 looks on a white background.

Color Contrast Check

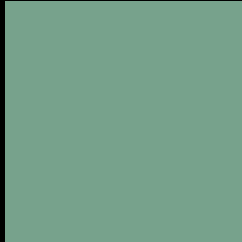
Large Text (above 18pt) WCAG AA × Fail

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 25.2617, 31.6560, 29.5897 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 25.2617, 31.6560, 29.5897

Background



This preview shows how black text looks on a background with the XYZ color 25.2617, 31.6560, 29.5897.



This preview shows how white text looks on a background with the XYZ color 25.2617, 31.6560,

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

25.2617, 31.6560, 29.5897

Protanopia

29.8995, 31.5767, 27.4407

Deuteranopia

31.9692, 31.3967, 30.3618



Tritanopia

27.9400, 31.7160, 42.6794

Trichromacy



Original Color

25.2617, 31.6560, 29.5897

Protanomaly

27.9054, 31.5124, 28.2786

Deuteranomaly

28.8732, 30.9888, 30.0508

Tritanomaly

26.8245, 31.5104, 37.4692

Monochromacy



Original Color

25.2617, 31.6560, 29.5897

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.5788, 29.7885, 30.7345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2617, 31.6560, 29.5897 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(119, 162, 140)` looks like.

```
.text, #text, p{  
    color:rgb(119, 162, 140)  
}
```

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(119, 162, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 162, 140) }
```

Border

The CSS property to change the border of an element to XYZ 25.2617, 31.6560, 29.5897 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(119, 162, 140) }
```


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

```
.border{ border-color:rgb(119, 162, 140) }
```

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

Here you see how a box with a 4 pixel rgb(119, 162, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 162, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 162, 140);  
box-shadow:4px 4px 4px 4px rgb(119, 162,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2617, 31.6560, 29.5897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 162, 140) }
```

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

```
.background{ background-color: rgb(119,  
162, 140) }
```

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