

Converting Colors

XYZ(25.6889, 30.5400, 29.8768)

Have a look what the booklet for
XYZ(25.6889, 30.5400, 29.8768)
contains.

XYZ(25.7668, 30.6262, 29.7527)	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(25.7668, 30.6262,
29.7527)**

Conversions

Conversions Part 1

Format	Color
Hex	809D8D
RGB	128, 157, 141
RGB Percent	50%, 62%, 55%
CMY	0.4980, 0.3843, 0.4471
CMYK	0.18, 0.00, 0.10, 0.38
HSL	147°, 13%, 56%
HSV	147°, 18%, 62%
XYZ	25.7668, 30.6262, 29.7527
YIQ	146.5050, -12.1480, -11.1240

Conversions

Conversions Part 2

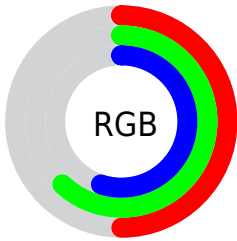
Format	Color
RYB	128, 148, 157
Decimal	8428941
CIELab	62.19, -13.43, 5.03
CIELCh	62, 14.338, 159.470
Yxy	30.6262, 0.2991, 0.3555
Android (android.graphics.Color)	4286619021 (0xFF809D8D)
YUV	146.5050, -2.7140, -16.2289
Hunter-Lab	55.3409, -13.7369, 6.8628

Details

The XYZ color **25.7668, 30.6262, 29.7527** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.6589, 24.6209, 29.7342**, and the grayscale version is **27.5441, 28.9785, 31.5576**.

A 20% lighter version of the original color is **52.4499, 60.8509, 60.6107**, and **10.1842, 12.6831, 11.8088** is the 20% darker color. If you saturate the color by 10%, you get **22.9661, 29.2548, 26.3877**, and if you desaturate by 10%, it is **28.9851, 32.2087, 33.4018**.

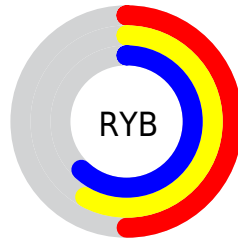
Distribution



Red (50%)

Green (62%)

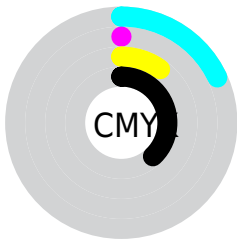
Blue (55%)



Red (50%)

Yellow (58%)

Blue (62%)

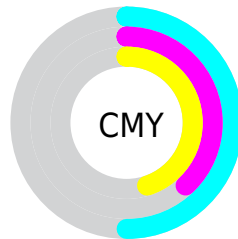


Cyan (18%)

Magenta (0%)

Yellow (10%)

Black (38%)



Cyan (50%)

Magenta (38%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7668, 30.6262, 29.7527 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 25.7668, 30.6262, 29.7527 by changing the saturation by 10% instead.

■ 25.7668, 30.6262,
29.7527

■ 25.7668, 30.6262,
29.7527

273.9132,
304.8125, 314.9214

■ 16.7810, 20.3144,
19.4005

■ 52.3325, 60.6511,
60.3272

■ 10.1728, 12.6238,
11.7803

■ 70.6431, 81.1329,
81.3867

■ 5.5768, 7.1700,
6.4735

■ 92.7927, 105.7736,
106.8522

■ 2.6277, 3.5686,
3.0617

119.1467,
134.9574, 137.1425

■ 0.9601, 1.4353,
1.1262

150.0704,
169.0688, 172.6760

■ 0.0000, 0.2425,
0.0000

185.9291,

■ 0.0000, 0.0000,

208.4922, 213.8713

0.0000

227.0883,
253.6120, 261.1469

■ 25.7668, 30.6262,
29.7527

■ 25.7668, 30.6262,
29.7527

■ 22.9661, 29.2548,
26.3877

■ 28.9851, 32.2087,
33.4018

■ 20.5625, 28.0816,
23.2979

■ 32.6352, 34.0071,
37.3394

■ 18.5376, 27.0981,
20.4769

■ 36.7338, 36.0305,
41.5727

■ 16.8705, 26.2936,
17.9173

■ 41.2960, 38.2867,
46.1078

■ 15.5382, 25.6565,
15.6112

■ 46.3359, 40.7829,
50.9506

■ 14.5148, 25.1734,
13.5505

■ 51.8673, 43.5261,
56.1070

■ 13.7702, 24.8292,
11.7264

■ 57.9033, 46.5228,
61.5825

■ 13.2474, 24.5945,
10.1285

■ 64.4566, 49.7796,
67.3826

■ 13.1749, 24.5620,
9.9032

■ 66.0793, 50.4878,
73.2572

Harmonies

Analogous

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



26.8109, 30.6262, 25.7889



25.7668, 30.6262, 29.7527



25.5963, 30.6262, 35.1282

Triad

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



25.7668, 30.6262, 29.7527



29.7248, 30.6262, 44.9814



32.0725, 30.6262, 27.0301

Complementary

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



25.7668, 30.6262, 29.7527



26.6589, 24.6209, 29.7342

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.



32.9298, 30.6262, 31.6266



25.7668, 30.6262, 29.7527



31.5354, 30.6262, 42.2533

Square

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



25.7668, 30.6262, 29.7527



27.8257, 30.6262, 44.3365



32.7290, 30.6262, 37.2191



30.4317, 30.6262, 24.3419

Rectangle

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



25.7668, 30.6262, 29.7527



25.9931, 30.6262, 38.8600



32.7290, 30.6262, 37.2191



32.4651, 30.6262, 28.3813

Sweetspot

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



25.7676, 30.6275, 29.7534



53.3767, 58.4034, 61.4312



27.5318, 31.6422, 25.0791



11.6636, 12.8111, 13.4283



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.7676, 30.6275, 29.7534



44.0754, 53.8332, 50.8414



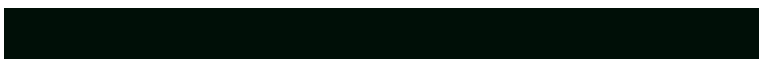
26.8821, 31.0733, 35.6220



6.6681, 7.4480, 7.6870



10.7181, 19.9552, 8.1386



0.2127, 0.3652, 0.2562

Inverse Universe

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



26.6589, 24.6209, 29.7342



45.9601, 41.1307, 50.7998



25.6495, 24.2171, 24.4187



6.7785, 6.7043, 7.6847



12.6968, 6.3833, 7.9203



0.2482, 0.1226, 0.2530

Previews

White Background



This preview shows how the XYZ color 25.7668, 30.6262, 29.7527 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 25.7668, 30.6262, 29.7527 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

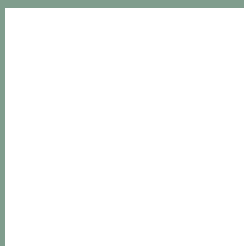
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7668, 30.6262, 29.7527

Background



This preview shows how black text looks on a background with the XYZ color 25.7668, 30.6262, 29.7527.



This preview shows how white text looks on a background with the XYZ color 25.7668, 30.6262, 29.7527.

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

25.7668, 30.6262, 29.7527

Protanopia

28.9731, 30.3690, 28.0017

Deuteranopia

31.0197, 30.4495, 30.2290



Tritanopia

27.7899, 30.4412, 40.4874

Trichromacy



Original Color

25.7668, 30.6262, 29.7527

Protanomaly

27.6697, 30.4024, 28.4547

Deuteranomaly

28.7668, 30.2202, 29.9081

Tritanomaly

27.0015, 30.3708, 36.3373

Monochromacy



Original Color

25.7668, 30.6262, 29.7527

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.9927, 29.7530, 31.1083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7668, 30.6262, 29.7527 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(128, 157, 141)` looks like.

```
.text, #text, p{  
    color:rgb(128, 157, 141)  
}
```

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(128, 157, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 157, 141) }
```

Border

The CSS property to change the border of an element to XYZ 25.7668, 30.6262, 29.7527 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(128, 157, 141) }
```


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

```
.border{ border-color:rgb(128, 157, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 157, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 157, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 157, 141);  
box-shadow:4px 4px 4px 4px rgb(128, 157,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7668, 30.6262, 29.7527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 157, 141) }
```

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

```
.background{ background-color: rgb(128,  
157, 141) }
```

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