

Converting Colors

XYZ(25.2596, 28.8624, 32.7484)

Have a look what the booklet for
XYZ(25.2596, 28.8624, 32.7484)
contains.

| | |
|--|----|
| XYZ(25.2438, 28.8152, 32.6652) | 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(25.2438, 28.8152,
32.6652)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 7F9795 |
| RGB | 127, 151, 149 |
| RGB Percent | 50%, 59%, 58% |
| CMY | 0.5020, 0.4078, 0.4157 |
| CMYK | 0.16, 0.00, 0.01, 0.41 |
| HSL | 175°, 10%, 55% |
| HSV | 175°, 16%, 59% |
| XYZ | 25.2438, 28.8152, 32.6652 |
| YIQ | 143.5960, -13.6620, -5.7100 |

Conversions

Conversions Part 2

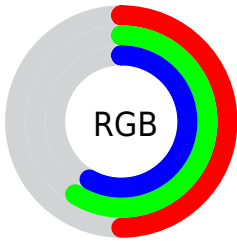
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 127, 140, 151 |
| Decimal | 8361877 |
| CIE _{Lab} | 60.62, -8.85, -1.79 |
| CIE _{LCh} | 61, 9.032, 191.409 |
| Yxy | 28.8152, 0.2911, 0.3323 |
| Android (android.graphics.Color) | 4286551957 (0xFF7F9795) |
| YUV | 143.5960, 2.6642, -14.5547 |
| Hunter-Lab | 53.6798, -9.9971, 1.4967 |

Details

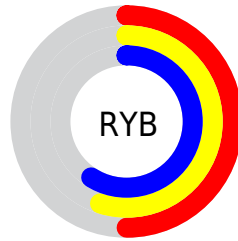
The XYZ color **25.2438, 28.8152, 32.6652** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.3153, 23.3437, 23.9943**, and the grayscale version is **26.3411, 27.7129, 30.1794**.

A 20% lighter version of the original color is **51.4332, 57.6777, 64.9220**, and **9.8223, 11.5740, 13.2716** is the 20% darker color. If you saturate the color by 10%, you get **23.0615, 27.7025, 32.0415**, and if you desaturate by 10%, it is **27.7660, 30.1045, 33.3117**.

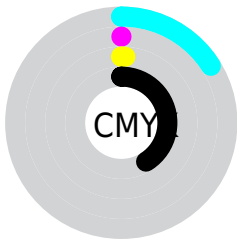
Distribution



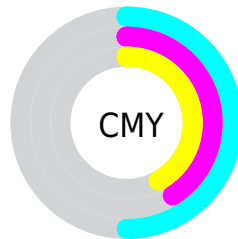
- Red (50%)
- Green (59%)
- Blue (58%)



- Red (50%)
- Yellow (55%)
- Blue (59%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (41%)



- Cyan (50%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2438, 28.8152, 32.6652 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 25.2438, 28.8152, 32.6652 by changing the saturation by 10% instead.

■ 25.2438, 28.8152,
32.6652

■ 25.2438, 28.8152,
32.6652

271.3752,
296.3420, 328.7240

■ 16.3885, 18.9411,
21.6011

■ 51.4925, 57.7833,
64.9624

■ 9.8921, 11.6277,
13.3686

■ 69.6166, 77.6461,
87.0326

■ 5.3892, 6.4907,
7.5491

■ 91.5610, 101.6073,
113.6086

■ 2.5144, 3.1457,
3.7242

117.6911,
130.0512, 145.1089

■ 0.9025, 1.2083,
1.4753

148.3722,
163.3622, 181.9521

■ 0.0000, 0.0684,
0.1994

183.9697,

■ 0.0000, 0.0000,

201.9248, 224.5566

0.0000

224.8489,
246.1232, 273.3411

■ 25.2438, 28.8152,
32.6652

■ 25.2438, 28.8152,
32.6652

■ 23.0615, 27.7025,
32.0415

■ 27.7660, 30.1045,
33.3117

■ 21.2016, 26.7551,
31.4379

■ 30.6395, 31.5741,
33.9798

■ 19.6488, 25.9659,
30.8543

■ 33.8784, 33.2319,
34.6707

■ 18.3857, 25.3260,
30.2899

■ 37.4953, 35.0844,
35.3850

■ 17.3931, 24.8253,
29.7438

■ 41.5021, 37.1378,
36.1233

■ 16.6495, 24.4529,
29.2149

■ 45.9103, 39.3979,
36.8861

■ 16.1300, 24.1959,
28.7021

■ 50.7307, 41.8705,
37.6741

■ 15.7994, 24.0362,
28.2037

■ 55.9739, 44.5609,
38.4876

■ 15.6841, 23.9811,
28.0016

■ 58.6820, 45.9442,
39.1883

Harmonies

Analogous

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



25.3129, 28.8152, 29.3676



25.2438, 28.8152, 32.6652



25.7370, 28.8152, 35.8269

Triad

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



25.2438, 28.8152, 32.6652



28.9013, 28.8152, 36.4533



28.1106, 28.8152, 25.6619

Complementary

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



25.2438, 28.8152, 32.6652



24.3153, 23.3437, 23.9943

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.



29.1081, 28.8152, 27.3078



25.2438, 28.8152, 32.6652



29.5735, 28.8152, 33.4716

Square

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



25.2438, 28.8152, 32.6652



27.8349, 28.8152, 38.1155



29.6503, 28.8152, 30.1189



26.9459, 28.8152, 25.4798

Rectangle

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



25.2438, 28.8152, 32.6652



26.3266, 28.8152, 37.3717



29.6503, 28.8152, 30.1189



28.4775, 28.8152, 26.0565

Sweetspot

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



25.2446, 28.8164, 32.6658



50.1088, 54.1081, 59.7480



24.0123, 28.3653, 24.2885



11.3177, 12.2616, 13.5626



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.2446, 28.8164, 32.6658



43.7779, 50.8742, 58.1037



23.9231, 25.9153, 33.0209



6.3623, 7.0177, 7.8315



13.3473, 20.4024, 23.8471



0.2052, 0.3073, 0.3863

Inverse Universe

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



24.3153, 23.3437, 23.9943



41.7972, 39.2082, 39.6200



25.4832, 25.8903, 23.7333



6.2287, 6.2306, 6.5843



10.9219, 5.6230, 0.8480



0.1681, 0.0860, 0.0383

Previews

White Background



This preview shows how the XYZ color 25.2438, 28.8152, 32.6652 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 25.2438, 28.8152, 32.6652 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

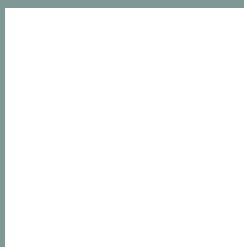
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2438, 28.8152, 32.6652

Background



This preview shows how black text looks on a background with the XYZ color 25.2438, 28.8152, 32.6652.

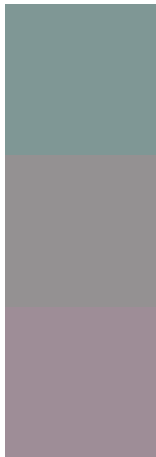


This preview shows how white text looks on a background with the XYZ color 25.2438, 28.8152,

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

25.2438, 28.8152, 32.6652

Protanopia

27.5264, 28.6220, 31.2679

Deuteranopia

29.2113, 28.5532, 33.2499



Tritanopia

26.2337, 28.7352, 37.8820

Trichromacy



Original Color

25.2438, 28.8152, 32.6652

Protanomaly

26.5154, 28.5495, 31.7169

Deuteranomaly

27.6630, 28.6559, 32.9273

Tritanomaly

25.8942, 28.8362, 36.0995

Monochromacy



Original Color

25.2438, 28.8152, 32.6652

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.1033, 28.3460, 31.2897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2438, 28.8152, 32.6652 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(127, 151, 149)` looks like.

```
.text, #text, p{  
    color:rgb(127, 151, 149)  
}
```

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(127, 151, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 151, 149) }
```

Border

The CSS property to change the border of an element to XYZ 25.2438, 28.8152, 32.6652 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(127, 151, 149) }
```


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

```
.border{ border-color:rgb(127, 151, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 151, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 151, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 151, 149);  
box-shadow:4px 4px 4px 4px rgb(127, 151,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2438, 28.8152, 32.6652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 151, 149) }
```

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

```
.background{ background-color: rgb(127,  
151, 149) }
```

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