

Converting Colors

XYZ(25.1487, 28.6291, 38.8508)

Have a look what the booklet for
XYZ(25.1487, 28.6291, 38.8508)
contains.

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Color

**XYZ(25.1487, 28.6291,
38.8508)**

Conversions

Conversions Part 1

Format	Color
Hex	7697A3
RGB	118, 151, 163
RGB Percent	46%, 59%, 64%
CMY	0.5372, 0.4078, 0.3608
CMYK	0.28, 0.07, 0.00, 0.36
HSL	196°, 20%, 55%
HSV	196°, 28%, 64%
XYZ	25.1487, 28.6291, 38.8508
YIQ	142.5010, -23.5200, -3.2640

Conversions

Conversions Part 2

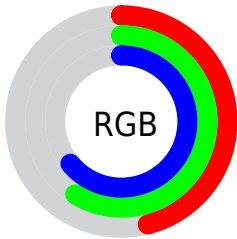
Format	Color
R_{YB}	118, 137, 163
Decimal	7772067
CIE _{Lab}	60.45, -8.55, -10.04
CIE _{LCh}	60, 13.184, 229.596
Yxy	28.6291, 0.2715, 0.3091
Android (android.graphics.Color)	4285962147 (0xFF7697A3)
YUV	142.5010, 10.1060, -21.4874
Hunter-Lab	53.5062, -9.7381, -5.5961

Details

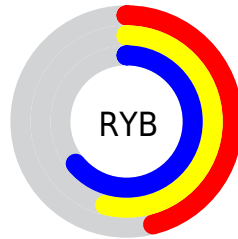
The XYZ color **25.1487, 28.6291, 38.8508** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.3573, 25.0601, 20.5882**, and the grayscale version is **25.8782, 27.2259, 29.6490**.

A 20% lighter version of the original color is **51.2808, 57.3825, 74.7028**, and **9.8103, 11.4910, 16.7398** is the 20% darker color. If you saturate the color by 10%, you get **22.4372, 26.2126, 38.5278**, and if you desaturate by 10%, it is **28.2703, 31.2966, 39.2016**.

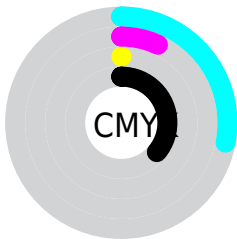
Distribution



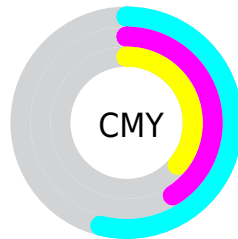
- Red (46%)
- Green (59%)
- Blue (64%)



- Red (46%)
- Yellow (54%)
- Blue (64%)



- Cyan (28%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (54%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1487, 28.6291, 38.8508 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 25.1487, 28.6291, 38.8508 by changing the saturation by 10% instead.

■ 25.1487, 28.6291,
38.8508

■ 25.1487, 28.6291,
38.8508

270.9117,
295.4609, 356.6627

■ 16.3172, 18.8004,
26.3367

■ 51.3395, 57.4873,
74.6282

■ 9.8412, 11.5262,
16.8477

■ 69.4295, 77.2856,
98.7286

■ 5.3552, 6.4219,
9.9652

■ 91.3364, 101.1758,
127.5281

■ 2.4940, 3.1033,
5.2706

117.4256,
129.5425, 161.4454

■ 0.8923, 1.1859,
2.3454

148.0623,
162.7699, 200.8990

■ 0.0000, 0.0501,
0.7565

183.6120,

■ 0.0000, 0.0000,

201.2426, 246.3074

0.0000

224.4400,
245.3448, 298.0891

■ 25.1487, 28.6291,
38.8508

■ 25.1487, 28.6291,
38.8508

■ 22.4372, 26.2126,
38.5278

■ 28.2703, 31.2966,
39.2016

■ 20.1132, 24.0331,
38.2296

■ 31.8178, 34.2218,
39.5793

■ 18.1558, 22.0801,
37.9558

■ 35.8096, 37.4150,
39.9852

■ 16.5412, 20.3408,
37.7051

■ 40.2619, 40.8851,
40.4204

■ 15.2423, 18.8009,
37.4764

■ 45.1903, 44.6405,
40.8855

■ 14.2278, 17.4438,
37.2679

■ 50.6096, 48.6891,
41.3813

■ 13.4462, 16.2424,
37.0772

■ 56.5337, 53.0386,
41.9086

■ 13.2722, 15.9669,
37.0332

■ 62.9764, 57.6964,
42.4681

■ 66.2900, 60.7825,
42.8891

Harmonies

Analogous

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



24.2489, 28.6291, 34.4156



25.1487, 28.6291, 38.8508



26.6256, 28.6291, 41.3062

Triad

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



25.1487, 28.6291, 38.8508



30.5513, 28.6291, 32.8919



26.1304, 28.6291, 23.1650

Complementary

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



25.1487, 28.6291, 38.8508



26.3573, 25.0601, 20.5882

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.



27.8051, 28.6291, 22.8482



25.1487, 28.6291, 38.8508



30.4052, 28.6291, 28.1393

Square

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



25.1487, 28.6291, 38.8508



29.7746, 28.6291, 37.6361



29.3833, 28.6291, 24.5785



24.7992, 28.6291, 25.4943

Rectangle

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



25.1487, 28.6291, 38.8508



27.7592, 28.6291, 41.3338



29.3833, 28.6291, 24.5785



26.6703, 28.6291, 22.8296

Sweetspot

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



25.1496, 28.6303, 38.8515



56.6181, 60.9917, 70.8446



24.5481, 31.6381, 25.6698



12.4991, 13.5215, 15.8887



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.



25.1496, 28.6303, 38.8515



42.0375, 48.6214, 69.2254



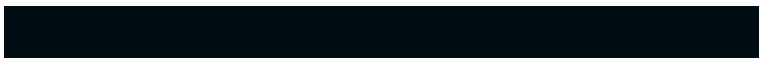
21.9660, 22.2631, 37.7903



7.1156, 7.6902, 9.0124



10.3534, 12.4863, 28.7942



0.2530, 0.3334, 0.6169

Inverse Universe

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



27.1693, 22.9785, 32.2827



46.3233, 37.0847, 55.1846



29.5625, 31.4705, 21.6566



7.2833, 7.1698, 8.4784



14.3714, 7.1046, 14.4123



0.3199, 0.1565, 0.3972

Previews

White Background



This preview shows how the XYZ color 25.1487, 28.6291, 38.8508 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 25.1487, 28.6291, 38.8508 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

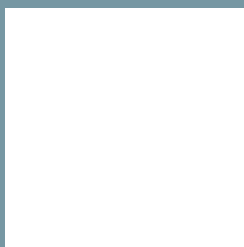
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1487, 28.6291, 38.8508

Background



This preview shows how black text looks on a background with the XYZ color 25.1487, 28.6291, 38.8508.

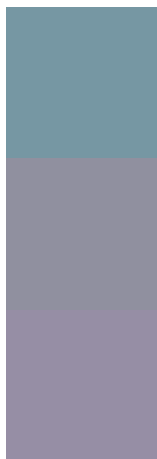


This preview shows how white text looks on a background with the XYZ color 25.1487, 28.6291,

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

25.1487, 28.6291, 38.8508

Protanopia

27.7329, 28.3790, 36.8169

Deuteranopia

29.0422, 28.5466, 39.5767



Tritanopia

25.1487, 28.6291, 38.8508

Trichromacy



Original Color

25.1487, 28.6291, 38.8508

Protanomaly

26.7706, 28.5564, 37.3587

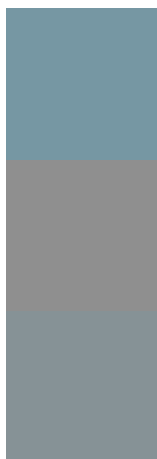
Deuteranomaly

27.3075, 28.3344, 39.1518

Tritanomaly

25.1487, 28.6291, 38.8508

Monochromacy



Original Color

25.1487, 28.6291, 38.8508

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.6154, 27.8281, 32.8754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1487, 28.6291, 38.8508 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(118, 151, 163) looks like.

```
.text, #text, p{  
    color:rgb(118, 151, 163)  
}
```

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(118, 151, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 151, 163) }
```

Border

The CSS property to change the border of an element to XYZ 25.1487, 28.6291, 38.8508 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(118, 151, 163) }
```


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

```
.border{ border-color:rgb(118, 151, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 151, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 151, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 151, 163);  
box-shadow:4px 4px 4px 4px rgb(118, 151,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1487, 28.6291, 38.8508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 151, 163) }
```

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

```
.background{ background-color: rgb(118,  
151, 163) }
```

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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