

Converting Colors

XYZ(25.0271, 28.4678, 37.8940)

Have a look what the booklet for
XYZ(25.0271, 28.4678, 37.8940)
contains.

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Color

**XYZ(25.1074, 28.6284,
37.9207)**

Conversions

Conversions Part 1

Format	Color
Hex	7797A1
RGB	119, 151, 161
RGB Percent	47%, 59%, 63%
CMY	0.5333, 0.4078, 0.3686
CMYK	0.26, 0.06, 0.00, 0.37
HSL	194°, 18%, 55%
HSV	194°, 26%, 63%
XYZ	25.1074, 28.6284, 37.9207
YIQ	142.5720, -22.2820, -3.6740

Conversions

Conversions Part 2

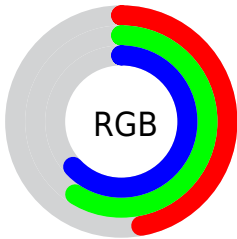
Format	Color
R_{YB}	119, 137, 161
Decimal	7837601
CIE _{Lab}	60.45, -8.72, -8.90
CIE _{LCh}	60, 12.458, 225.588
Yxy	28.6284, 0.2739, 0.3123
Android (android.graphics.Color)	4286027681 (0xFF7797A1)
YUV	142.5720, 9.0850, -20.6726
Hunter-Lab	53.5055, -9.8737, -4.5665

Details

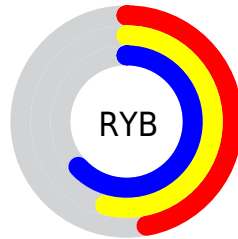
The XYZ color **25.1074, 28.6284, 37.9207** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.8783, 24.6096, 20.8396**, and the grayscale version is **25.9100, 27.2594, 29.6855**.

A 20% lighter version of the original color is **51.2392, 57.3912, 73.3428**, and **9.7717, 11.4837, 16.1695** is the 20% darker color. If you saturate the color by 10%, you get **22.4756, 26.3715, 37.6243**, and if you desaturate by 10%, it is **28.1353, 31.1207, 38.2426**.

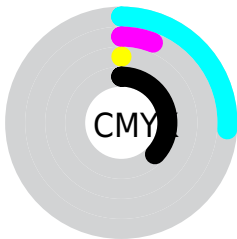
Distribution



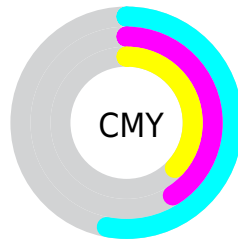
- Red (47%)
- Green (59%)
- Blue (63%)



- Red (47%)
- Yellow (54%)
- Blue (63%)



- Cyan (26%)
- Magenta (6%)
- Yellow (0%)
- Black (37%)



- Cyan (53%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1074, 28.6284, 37.9207 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 25.1074, 28.6284, 37.9207 by changing the saturation by 10% instead.

■ 25.1074, 28.6284,
37.9207

■ 25.1074, 28.6284,
37.9207

270.7102,
295.4576, 352.5677

■ 16.2862, 18.7999,
25.6198

■ 51.2730, 57.4862,
73.1887

■ 9.8191, 11.5258,
16.3162

■ 69.3482, 77.2842,
96.9928

■ 5.3405, 6.4217,
9.5914

■ 91.2388, 101.1742,
125.4684

■ 2.4852, 3.1031,
5.0269

117.3102,
129.5406, 159.0340

■ 0.8878, 1.1858,
2.2040

147.9276,
162.7677, 198.1082

■ 0.0000, 0.0501,
0.6767

183.4565,

■ 0.0000, 0.0000,

201.2400, 243.1095

0.0000

224.2623,
245.3418, 294.4565

■ 25.1074, 28.6284,
37.9207

■ 25.1074, 28.6284,
37.9207

■ 22.4756, 26.3715,
37.6243

■ 28.1353, 31.1207,
38.2426

■ 20.2184, 24.3365,
37.3504

■ 31.5744, 33.8543,
38.5890

■ 18.3158, 22.5135,
37.0988

■ 35.4422, 36.8392,
38.9613

■ 16.7450, 20.8905,
36.8684

■ 39.7544, 40.0838,
39.3603

■ 15.4806, 19.4541,
36.6577

■ 44.5258, 43.5960,
39.7868

■ 14.4930, 18.1887,
36.4655

■ 49.7706, 47.3834,
40.2414

■ 13.7416, 17.0731,
36.2898

■ 55.5023, 51.4531,
40.7248

■ 13.4758, 16.6586,
36.2238

■ 61.7339, 55.8122,
41.2377

■ 65.1262, 58.7394,
41.6240

Harmonies

Analogous

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



24.3448, 28.6284, 33.6073



25.1074, 28.6284, 37.9207



26.4495, 28.6284, 40.5391

Triad

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



25.1074, 28.6284, 37.9207



30.3102, 28.6284, 33.4234



26.3895, 28.6284, 23.4098

Complementary

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



25.1074, 28.6284, 37.9207



25.8783, 24.6096, 20.8396

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.



27.9858, 28.6284, 23.3710



25.1074, 28.6284, 37.9207



30.2926, 28.6284, 28.8563

Square

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



25.1074, 28.6284, 37.9207



29.4750, 28.6284, 37.7747



29.4277, 28.6284, 25.2747



25.0650, 28.6284, 25.3864

Rectangle

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



25.1074, 28.6284, 37.9207



27.5120, 28.6284, 40.8211



29.4277, 28.6284, 25.2747



26.9110, 28.6284, 23.1767

Sweetspot

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



25.1083, 28.6296, 37.9214



55.2131, 59.5826, 68.9771



24.3024, 30.9919, 25.4010



11.9100, 12.9102, 15.1078



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.1083, 28.6296, 37.9214



42.2897, 48.9994, 67.6155



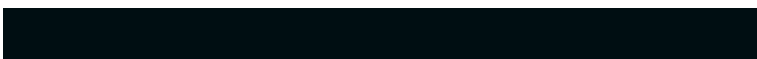
22.0506, 22.5143, 36.9021



7.1326, 7.7241, 9.0181



10.7950, 13.3694, 28.9414



0.2597, 0.3466, 0.6191

Inverse Universe

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



26.8814, 23.0058, 32.3032



46.0389, 37.4812, 55.6526



28.9027, 30.6584, 21.8478



7.2919, 7.1732, 8.5235



14.5943, 7.1938, 15.5860



0.3232, 0.1578, 0.4148

Previews

White Background



This preview shows how the XYZ color 25.1074, 28.6284, 37.9207 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 25.1074, 28.6284, 37.9207 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

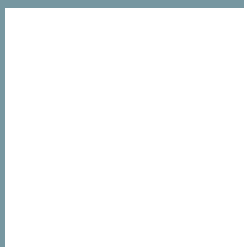
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1074, 28.6284, 37.9207

Background



This preview shows how black text looks on a background with the XYZ color 25.1074, 28.6284, 37.9207.



This preview shows how white text looks on a background with the XYZ color 25.1074, 28.6284,

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

25.1074, 28.6284, 37.9207

Protanopia

27.7361, 28.4006, 35.9183

Deuteranopia

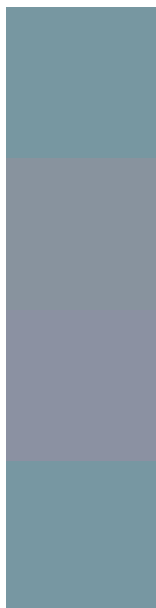
29.0464, 28.5697, 38.6339



Tritanopia

25.2852, 28.6995, 38.8572

Trichromacy



Original Color

25.1074, 28.6284, 37.9207

Protanomaly

26.7586, 28.5703, 36.4520

Deuteranomaly

27.2944, 28.3484, 38.2156

Tritanomaly

25.1959, 28.6638, 38.3871

Monochromacy



Original Color

25.1074, 28.6284, 37.9207

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 25.1074, 28.6284, 37.9207 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, 151, 161)` looks like.

```
.text, #text, p{  
    color:rgb(119, 151, 161)  
}
```

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, 151, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 151, 161) }
```

Border

The CSS property to change the border of an element to XYZ 25.1074, 28.6284, 37.9207 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, 151, 161) }
```


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

```
.border{ border-color:rgb(119, 151, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 151, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 151, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 151, 161);  
box-shadow:4px 4px 4px 4px rgb(119, 151,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1074, 28.6284, 37.9207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 151, 161) }
```

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

```
.background{ background-color: rgb(119,  
151, 161) }
```

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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