

Converting Colors

XYZ(22.7824, 28.5868, 36.9047)

Have a look what the booklet for
XYZ(22.7824, 28.5868, 36.9047)
contains.

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Color

**XYZ(22.8658, 28.7130,
37.1379)**

Conversions

Conversions Part 1

Format	Color
Hex	5F9C9F
RGB	95, 156, 159
RGB Percent	37%, 61%, 62%
CMY	0.6274, 0.3882, 0.3765
CMYK	0.40, 0.02, 0.00, 0.38
HSL	183°, 25%, 50%
HSV	183°, 40%, 62%
XYZ	22.8658, 28.7130, 37.1379
YIQ	138.1030, -37.3190, -11.9990

Conversions

Conversions Part 2

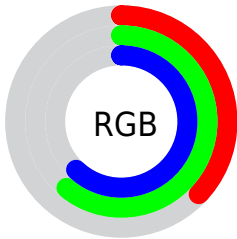
Format	Color
R _Y B	95, 126, 159
Decimal	6266015
CIE Lab	60.53, -18.89, -7.79
CIE LCh	61, 20.434, 202.423
Yxy	28.7130, 0.2577, 0.3236
Android (android.graphics.Color)	4284456095 (0xFF5F9C9F)
YUV	138.1030, 10.3022, -37.8013
Hunter-Lab	53.5845, -17.6027, -3.5831

Details

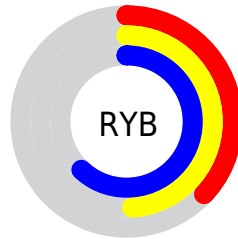
The XYZ color **22.8658, 28.7130, 37.1379** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.7318, 16.9330, 13.0029**, and the grayscale version is **24.1696, 25.4283, 27.6914**.

A 20% lighter version of the original color is **47.8263, 57.8331, 72.2605**, and **8.7132, 11.6781, 15.9822** is the 20% darker color. If you saturate the color by 10%, you get **21.2554, 27.6985, 37.0275**, and if you desaturate by 10%, it is **24.8158, 29.9051, 37.2657**.

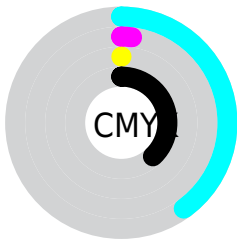
Distribution



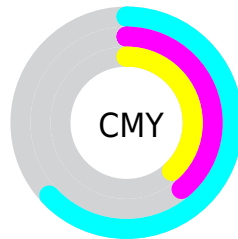
- Red (37%)
- Green (61%)
- Blue (62%)



- Red (37%)
- Yellow (49%)
- Blue (62%)



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)
- Black (38%)



- Cyan (63%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8658, 28.7130, 37.1379 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 22.8658, 28.7130, 37.1379 by changing the saturation by 10% instead.

■ 22.8658, 28.7130,
37.1379

■ 22.8658, 28.7130,
37.1379

259.5832,
295.8584, 349.0938

■ 14.6146, 18.8638,
25.0177

■ 47.6412, 57.6208,
71.9735

■ 8.6339, 11.5719,
15.8711

■ 64.8960, 77.4482,
95.5260

■ 4.5584, 6.4529,
9.2796

■ 85.8828, 101.3704,
123.7263

■ 2.0226, 3.1224,
4.8247

■ 110.9669,
129.7719, 156.9929

■ 0.6466, 1.1960,
2.0878

140.5136,
163.0371, 195.7444

■ 0.0000, 0.0584,
0.6085

174.8883,

■ 0.0000, 0.0000,

201.5503, 240.3994

0.0000

214.4564,
245.6959, 291.3763

■ 22.8658, 28.7130,
37.1379

■ 22.8658, 28.7130,
37.1379

■ 21.2554, 27.6985,
37.0275

■ 24.8158, 29.9051,
37.2657

■ 19.9614, 26.8475,
36.9314

■ 27.1217, 31.2811,
37.4098

■ 18.9617, 26.1494,
36.8493

■ 29.8019, 32.8513,
37.5716

■ 18.2304, 25.5908,
36.7801

■ 32.8728, 34.6240,
37.7519

■ 17.7368, 25.1558,
36.7221

■ 36.3497, 36.6071,
37.9514

■ 17.4137, 24.8144,
36.6732

■ 40.2472, 38.8082,
38.1709

■ 44.5791, 41.2344,
38.4108

■ 49.3585, 43.8925,
38.6720

■ 54.5982, 46.7890,
38.9549

Harmonies

Analogous

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



22.5657, 28.7130, 29.3871



22.8658, 28.7130, 37.1379



24.3133, 28.7130, 44.2463

Triad

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



22.8658, 28.7130, 37.1379



31.5110, 28.7130, 40.9845



27.9651, 28.7130, 18.9623

Complementary

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



22.8658, 28.7130, 37.1379



20.7318, 16.9330, 13.0029

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.



30.5021, 28.7130, 21.1068



22.8658, 28.7130, 37.1379



32.6335, 28.7130, 33.2183

Square

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



22.8658, 28.7130, 37.1379



29.2715, 28.7130, 46.7048



32.2528, 28.7130, 26.0439



25.4016, 28.7130, 19.6669

Rectangle

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



22.8658, 28.7130, 37.1379



25.7877, 28.7130, 47.2559



32.2528, 28.7130, 26.0439



28.8513, 28.7130, 19.3601

Sweetspot

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



22.8667, 28.7141, 37.1386



52.3677, 58.2482, 67.2264



19.2820, 28.0953, 15.7493



11.6714, 13.0533, 15.1480



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.



22.8667, 28.7141, 37.1386



38.4181, 49.8305, 66.3368



18.2948, 19.5704, 35.6146



6.7952, 7.4562, 8.4877



13.7624, 19.6163, 28.9682



0.2534, 0.3653, 0.5204

Inverse Universe

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



24.3918, 17.9564, 33.6340



41.5561, 28.0607, 59.0441



24.2321, 23.9335, 14.1697



6.8907, 6.7492, 8.2757



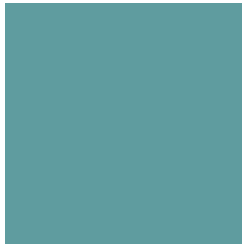
15.7448, 7.6025, 23.9710



0.2852, 0.1374, 0.4480

Previews

White Background



This preview shows how the XYZ color 22.8658, 28.7130, 37.1379 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 22.8658, 28.7130, 37.1379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

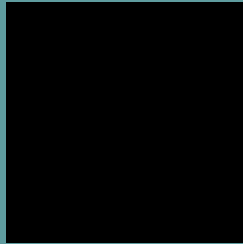
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.8658, 28.7130, 37.1379

Background



This preview shows how black text looks on a background with the XYZ color 22.8658, 28.7130, 37.1379.

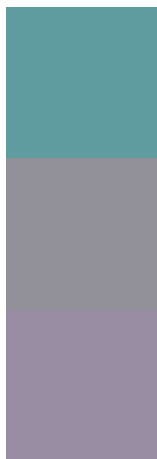


This preview shows how white text looks on a background with the XYZ color 22.8658, 28.7130,

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

22.8658, 28.7130, 37.1379

Protanopia

27.4948, 28.3245, 33.7238

Deuteranopia

28.9954, 28.3338, 38.1232



Tritanopia

23.6262, 28.7741, 40.8679

Trichromacy



Original Color

22.8658, 28.7130, 37.1379

Protanomaly

25.2587, 28.0584, 35.0949

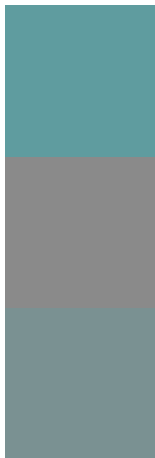
Deuteranomaly

26.0720, 27.9563, 37.7402

Tritanomaly

23.2461, 28.6098, 39.4190

Monochromacy



Original Color

22.8658, 28.7130, 37.1379

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.3397, 26.4637, 31.0720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8658, 28.7130, 37.1379 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(95, 156, 159)` looks like.

```
.text, #text, p{  
    color:rgb(95, 156, 159)  
}
```

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(95, 156, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 156, 159) }
```

Border

The CSS property to change the border of an element to XYZ 22.8658, 28.7130, 37.1379 is called "border". The border property can be set on classes, ids or directly on the HTML element.

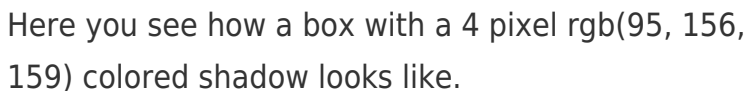
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 156, 159) }
```


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

```
.border{ border-color:rgb(95, 156, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(95, 156, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 156, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 156, 159);  
box-shadow:4px 4px 4px 4px rgb(95, 156,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8658, 28.7130, 37.1379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 156, 159) }
```

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

```
.background{ background-color: rgb(95, 156,  
159) }
```

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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