

Converting Colors

XYZ(28.5393, 36.9282, 37.4570)

Have a look what the booklet for
XYZ(28.5393, 36.9282, 37.4570)
contains.

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Color

**XYZ(28.6814, 37.1298,
37.5534)**

Conversions

Conversions Part 1

Format	Color
Hex	73B09D
RGB	115, 176, 157
RGB Percent	45%, 69%, 62%
CMY	0.5490, 0.3098, 0.3843
CMYK	0.35, 0.00, 0.11, 0.31
HSL	161°, 28%, 57%
HSV	161°, 35%, 69%
XYZ	28.6814, 37.1298, 37.5534
YIQ	155.5950, -30.2570, -18.8410

Conversions

Conversions Part 2

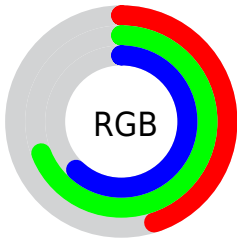
Format	Color
RYB	115, 151, 176
Decimal	7581853
CIELab	67.37, -24.00, 3.49
CIELCh	67, 24.255, 171.724
Yxy	37.1298, 0.2775, 0.3592
Android (android.graphics.Color)	4285771933 (0xFF73B09D)
YUV	155.5950, 0.6927, -35.6018
Hunter-Lab	60.9342, -22.6159, 6.1139

Details

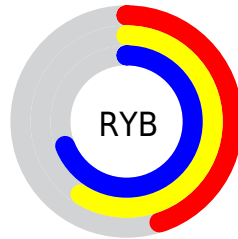
The XYZ color **28.6814, 37.1298, 37.5534** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.3396, 23.2139, 25.5429**, and the grayscale version is **31.4271, 33.0637, 36.0064**.

A 20% lighter version of the original color is **57.1025, 70.9017, 72.9631**, and **11.7344, 16.2633, 16.1563** is the 20% darker color. If you saturate the color by 10%, you get **26.1269, 35.8667, 35.0455**, and if you desaturate by 10%, it is **31.7009, 38.6321, 40.1943**.

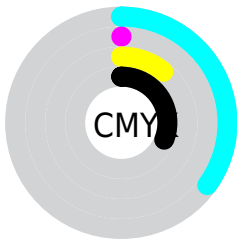
Distribution



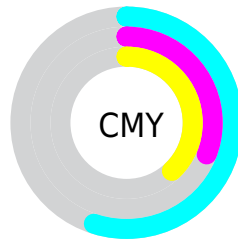
- Red (45%)
- Green (69%)
- Blue (62%)



- Red (45%)
- Yellow (59%)
- Blue (69%)



- Cyan (35%)
- Magenta (0%)
- Yellow (11%)
- Black (31%)



- Cyan (55%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6814, 37.1298, 37.5534 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 28.6814, 37.1298, 37.5534 by changing the saturation by 10% instead.

■ 28.6814, 37.1298,
37.5534

■ 28.6814, 37.1298,
37.5534

287.7301,
333.8721, 350.9408

■ 18.9830, 25.3080,
25.3371

■ 56.9716, 70.7724,
72.6189

■ 11.7619, 16.3067,
16.1071

■ 76.2941, 93.3619,
96.3052

■ 6.6528, 9.7414,
9.4448

■ 99.5553, 120.3096,
124.6519

■ 3.2903, 5.2279,
4.9317

127.1207,
151.9996, 158.0776

■ 1.3091, 2.3816,
2.1492

159.3555,
188.8165, 197.0008

■ 0.1900, 0.8164,
0.6448

196.6251,

■ 0.0000, 0.0000,

231.1446, 241.8401

0.0000

239.2948,
279.3684, 293.0139

■ 28.6814, 37.1298,
37.5534

■ 28.6814, 37.1298,
37.5534

■ 26.1269, 35.8667,
35.0455

■ 31.7009, 38.6321,
40.1943

■ 24.0087, 34.8252,
32.6655

■ 35.2058, 40.3812,
42.9682

■ 22.2998, 33.9924,
30.4115

■ 39.2189, 42.3897,
45.8783

■ 20.9689, 33.3521,
28.2804

■ 43.7609, 44.6684,
48.9269

■ 19.9797, 32.8856,
26.2692

■ 48.8509, 47.2271,
52.1163

■ 19.2885, 32.5705,
24.3742

■ 54.5074, 50.0752,
55.4486

■ 18.9881, 32.4368,
23.4066

■ 60.7479, 53.2218,
58.9259

■ 67.2923, 56.5225,
62.5363

■ 67.9484, 56.7849,
65.9913

Harmonies

Analogous

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



29.9732, 37.1298, 29.0303



28.6814, 37.1298, 37.5534



29.0602, 37.1298, 48.4856

Triad

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



28.6814, 37.1298, 37.5534



38.0022, 37.1298, 62.5744



39.9047, 37.1298, 26.3969

Complementary

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



28.6814, 37.1298, 37.5534



28.3396, 23.2139, 25.5429

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.



42.3537, 37.1298, 33.3166



28.6814, 37.1298, 37.5534



41.2027, 37.1298, 54.4757

Square

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



28.6814, 37.1298, 37.5534



34.2722, 37.1298, 64.2488



42.8447, 37.1298, 43.4458



36.3293, 37.1298, 23.3701

Rectangle

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



28.6814, 37.1298, 37.5534



30.2218, 37.1298, 55.6347



42.8447, 37.1298, 43.4458



40.8970, 37.1298, 28.2804

Sweetspot

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



28.6824, 37.1313, 37.5542



66.9964, 74.8092, 80.2627



28.5031, 37.3844, 21.9340



14.3065, 16.1059, 17.2384



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.6824, 37.1313, 37.5542



48.2121, 65.4568, 64.4154



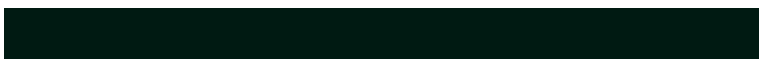
28.3300, 33.6250, 46.0731



8.6277, 9.5856, 10.2992



13.9586, 23.8094, 17.3165



0.4640, 0.7591, 0.6755

Inverse Universe

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



28.3396, 23.2139, 25.5429



47.4985, 36.1948, 39.1969



28.4845, 25.4376, 19.6291



8.6018, 8.5474, 9.4014



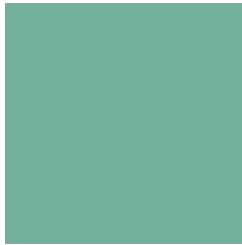
13.6634, 6.9829, 3.3873



0.4569, 0.2305, 0.2485

Previews

White Background



This preview shows how the XYZ color 28.6814, 37.1298, 37.5534 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 28.6814, 37.1298, 37.5534 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

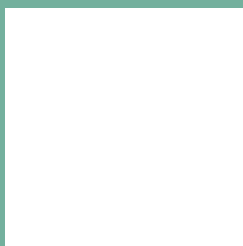
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6814, 37.1298, 37.5534

Background



This preview shows how black text looks on a background with the XYZ color 28.6814, 37.1298, 37.5534.



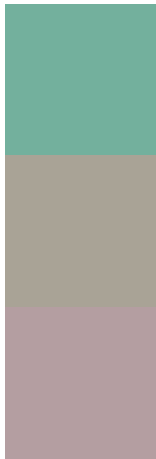
This preview shows how white text looks on a background with the XYZ color 28.6814, 37.1298,

37.5534.

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

28.6814, 37.1298, 37.5534

Protanopia

34.9644, 36.8314, 34.1205

Deuteranopia

37.4823, 36.7302, 38.8323



Tritanopia

31.6415, 37.1878, 51.9647

Trichromacy



Original Color

28.6814, 37.1298, 37.5534

Protanomaly

32.1468, 36.6947, 35.5255

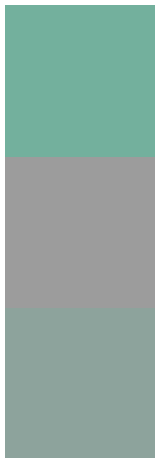
Deuteranomaly

33.5106, 36.5163, 38.5398

Tritanomaly

30.2892, 36.9042, 46.0843

Monochromacy



Original Color

28.6814, 37.1298, 37.5534

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.0824, 34.2574, 36.4793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6814, 37.1298, 37.5534 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(115, 176, 157)` looks like.

```
.text, #text, p{  
    color:rgb(115, 176, 157)  
}
```

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(115, 176, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 176, 157) }
```

Border

The CSS property to change the border of an element to XYZ 28.6814, 37.1298, 37.5534 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(115, 176, 157) }
```


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

```
.border{ border-color:rgb(115, 176, 157) }
```

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

Here you see how a box with a 4 pixel rgb(115, 176, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 176, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 176, 157);  
box-shadow:4px 4px 4px 4px rgb(115, 176,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6814, 37.1298, 37.5534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 176, 157) }
```

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

```
.background{ background-color: rgb(115,  
176, 157) }
```

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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