

Converting Colors

XYZ(27.1291, 33.3646, 37.4793)

Have a look what the booklet for
XYZ(27.1291, 33.3646, 37.4793)
contains.

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Color

**XYZ(26.9628, 33.1608,
37.3273)**

Conversions

Conversions Part 1

Format	Color
Hex	75A59E
RGB	117, 165, 158
RGB Percent	46%, 65%, 62%
CMY	0.5412, 0.3529, 0.3804
CMYK	0.29, 0.00, 0.04, 0.35
HSL	171°, 21%, 55%
HSV	171°, 29%, 65%
XYZ	26.9628, 33.1608, 37.3273
YIQ	149.8500, -26.3610, -12.3530

Conversions

Conversions Part 2

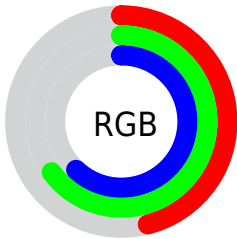
Format	Color
RYB	117, 143, 165
Decimal	7710110
CIELab	64.29, -17.55, -1.54
CIELCh	64, 17.616, 185.025
Yxy	33.1608, 0.2767, 0.3403
Android (android.graphics.Color)	4285900190 (0xFF75A59E)
YUV	149.8500, 4.0180, -28.8094
Hunter-Lab	57.5854, -17.1967, 1.8776

Details

The XYZ color **26.9628, 33.1608, 37.3273** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.5176, 22.1781, 22.0060**, and the grayscale version is **28.9181, 30.4241, 33.1318**.

A 20% lighter version of the original color is **54.1810, 64.5365, 72.5519**, and **10.8057, 14.0300, 16.0485** is the 20% darker color. If you saturate the color by 10%, you get **24.7333, 32.0360, 36.1526**, and if you desaturate by 10%, it is **29.5890, 34.4913, 38.5432**.

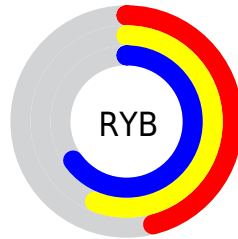
Distribution



Red (46%)

Green (65%)

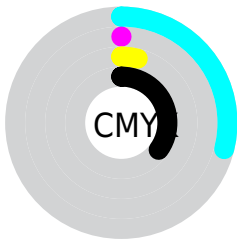
Blue (62%)



Red (46%)

Yellow (56%)

Blue (65%)

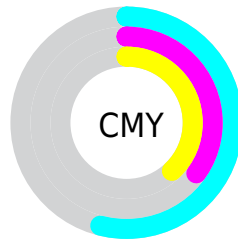


Cyan (29%)

Magenta (0%)

Yellow (4%)

Black (35%)



Cyan (54%)

Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9628, 33.1608, 37.3273 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 26.9628, 33.1608, 37.3273 by changing the saturation by 10% instead.

■ 26.9628, 33.1608,
37.3273

■ 26.9628, 33.1608,
37.3273

279.6478,
316.3737, 349.9367

■ 17.6817, 22.2497,
25.1632

■ 54.2445, 64.6265,
72.2678

■ 10.8200, 14.0405,
15.9786

■ 72.9758, 85.9498,
95.8814

■ 6.0123, 8.1488,
9.3548

■ 95.5879, 111.5127,
124.1485

■ 2.8933, 4.1903,
4.8734

122.4462,
141.6995, 157.4877

■ 1.0976, 1.7806,
2.1157

153.9159,
176.8946, 196.3176

■ 0.0231, 0.4750,
0.6251

190.3625,

■ 0.0000, 0.0000,

217.4824, 241.0567

0.0000

232.1514,
263.8473, 292.1236

■ 26.9628, 33.1608,
37.3273

■ 26.9628, 33.1608,
37.3273

■ 24.7333, 32.0360,
36.1526

■ 29.5890, 34.4913,
38.5432

■ 22.8772, 31.1024,
35.0157

■ 32.6282, 36.0334,
39.7990

■ 21.3730, 30.3497,
33.9163

■ 36.0990, 37.7976,
41.0964

■ 20.1959, 29.7652,
32.8530

■ 40.0183, 39.7925,
42.4363

■ 19.3177, 29.3344,
31.8243

■ 44.4019, 42.0262,
43.8197

■ 18.7056, 29.0402,
30.8288

■ 49.2648, 44.5066,
45.2472

■ 18.2936, 28.8487,
29.8630

■ 54.6215, 47.2410,
46.7197

■ 18.2585, 28.8326,
29.7763

■ 60.4857, 50.2366,
48.2380

■ 62.8997, 51.4530,
49.6169

Harmonies

Analogous

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



27.3536, 33.1608, 30.5935



26.9628, 33.1608, 37.3273



27.7389, 33.1608, 44.6095

Triad

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



26.9628, 33.1608, 37.3273



34.3622, 33.1608, 48.6116



33.5945, 33.1608, 24.9972

Complementary

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



26.9628, 33.1608, 37.3273



25.5176, 22.1781, 22.0060

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.



35.6263, 33.1608, 28.7590



26.9628, 33.1608, 37.3273



36.0857, 33.1608, 42.2448

Square

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



26.9628, 33.1608, 37.3273



31.9418, 33.1608, 51.6519



36.5601, 33.1608, 34.9126



31.0987, 33.1608, 24.0423

Rectangle

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



26.9628, 33.1608, 37.3273



28.8391, 33.1608, 48.6199



36.5601, 33.1608, 34.9126



34.3586, 33.1608, 25.9485

Sweetspot

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



26.9638, 33.1621, 37.3281



58.3893, 64.5088, 71.2572



25.0081, 32.4960, 21.7845



12.5901, 14.0141, 15.5090



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.



26.9638, 33.1621, 37.3281



45.5941, 58.0276, 65.4623



24.7500, 27.7423, 39.6492



7.2315, 7.9934, 8.8308



13.8264, 21.8169, 22.6000



0.3019, 0.4630, 0.5346

Inverse Universe

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



25.5176, 22.1781, 22.0060



42.5743, 35.0655, 33.4488



27.2265, 26.2797, 20.4677



7.1139, 7.1020, 7.5863



11.8761, 6.1065, 1.2721



0.2609, 0.1329, 0.0867

Previews

White Background



This preview shows how the XYZ color 26.9628, 33.1608, 37.3273 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 26.9628, 33.1608, 37.3273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

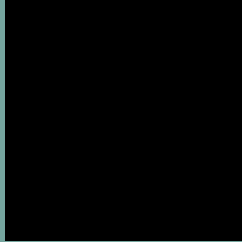
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.9628, 33.1608, 37.3273

Background



This preview shows how black text looks on a background with the XYZ color 26.9628, 33.1608, 37.3273.



This preview shows how white text looks on a background with the XYZ color 26.9628, 33.1608,

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

26.9628, 33.1608, 37.3273

Protanopia

31.6869, 33.0806, 34.4209

Deuteranopia

33.6481, 33.0313, 38.3204



Tritanopia

28.5434, 33.0008, 45.4228

Trichromacy



Original Color

26.9628, 33.1608, 37.3273

Protanomaly

29.7325, 33.0587, 35.3857

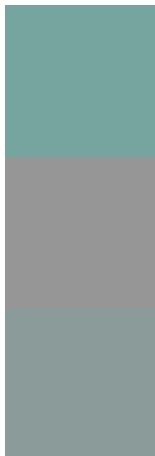
Deuteranomaly

30.6281, 32.7046, 37.9560

Tritanomaly

28.0044, 33.0520, 42.4398

Monochromacy



Original Color

26.9628, 33.1608, 37.3273

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.9523, 31.1459, 34.6755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9628, 33.1608, 37.3273 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(117, 165, 158)` looks like.

```
.text, #text, p{  
    color:rgb(117, 165, 158)  
}
```

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(117, 165, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 165, 158) }
```

Border

The CSS property to change the border of an element to XYZ 26.9628, 33.1608, 37.3273 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(117, 165, 158) }
```


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

```
.border{ border-color:rgb(117, 165, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 165, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 165, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 165, 158);  
box-shadow:4px 4px 4px 4px rgb(117, 165,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9628, 33.1608, 37.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 165, 158) }
```

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

```
.background{ background-color: rgb(117,  
165, 158) }
```

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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