

Converting Colors

XYZ(27.2784, 34.1405, 37.3712)

Have a look what the booklet for
XYZ(27.2784, 34.1405, 37.3712)
contains.

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Color

**XYZ(27.2444, 34.1187,
37.4974)**

Conversions

Conversions Part 1

Format	Color
Hex	73A89E
RGB	115, 168, 158
RGB Percent	45%, 66%, 62%
CMY	0.5490, 0.3412, 0.3804
CMYK	0.32, 0.00, 0.06, 0.34
HSL	169°, 23%, 55%
HSV	169°, 32%, 66%
XYZ	27.2444, 34.1187, 37.4974
YIQ	151.0130, -28.3780, -14.3460

Conversions

Conversions Part 2

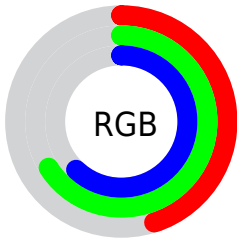
Format	Color
RYB	115, 144, 168
Decimal	7579806
CIELab	65.06, -19.71, -0.43
CIElCh	65, 19.714, 181.264
Yxy	34.1187, 0.2756, 0.3451
Android (android.graphics.Color)	4285769886 (0xFF73A89E)
YUV	151.0130, 3.4446, -31.5834
Hunter-Lab	58.4112, -18.9629, 2.8263

Details

The XYZ color **27.2444, 34.1187, 37.4974** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.9820, 22.0679, 22.2935**, and the grayscale version is **29.4161, 30.9481, 33.7024**.

A 20% lighter version of the original color is **54.7601, 66.0145, 72.8067**, and **11.0136, 14.6423, 16.1557** is the 20% darker color. If you saturate the color by 10%, you get **24.9642, 32.9752, 35.9850**, and if you desaturate by 10%, it is **29.9362, 35.4753, 39.0673**.

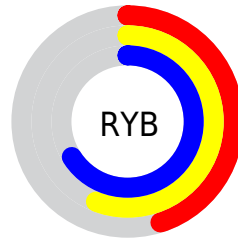
Distribution



Red (45%)

Green (66%)

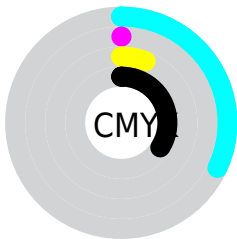
Blue (62%)



Red (45%)

Yellow (56%)

Blue (66%)

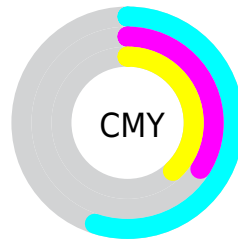


Cyan (32%)

Magenta (0%)

Yellow (6%)

Black (34%)



Cyan (55%)

Magenta (34%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2444, 34.1187, 37.4974 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 27.2444, 34.1187, 37.4974 by changing the saturation by 10% instead.

■ 27.2444, 34.1187,
37.4974

■ 27.2444, 34.1187,
37.4974

280.9845,
320.6610, 350.6923

■ 17.8944, 22.9848,
25.2940

■ 54.6929, 66.1182,
72.5320

■ 10.9734, 14.5823,
16.0752

■ 73.5222, 87.7526,
96.2003

■ 6.1161, 8.5268,
9.4225

■ 96.2418, 113.6560,
124.5273

■ 2.9572, 4.4338,
4.9172

123.2173,
144.2127, 157.9316

■ 1.1311, 1.9191,
2.1409

154.8140,
179.8072, 196.8317

■ 0.0509, 0.5598,
0.6399

191.3972,

■ 0.0000, 0.0000,

220.8238, 241.6462

0.0000

233.3322,
267.6469, 292.7935

■ 27.2444, 34.1187,
37.4974

■ 27.2444, 34.1187,
37.4974

■ 24.9642, 32.9752,
35.9850

■ 29.9362, 35.4753,
39.0673

■ 23.0708, 32.0294,
34.5265

■ 33.0570, 37.0514,
40.6935

■ 21.5411, 31.2704,
33.1212

■ 36.6268, 38.8581,
42.3780

■ 20.3483, 30.6842,
31.7676

■ 40.6632, 40.9045,
44.1220

■ 19.4620, 30.2552,
30.4641

■ 45.1830, 43.1993,
45.9264

■ 18.8461, 29.9649,
29.2085

■ 50.2024, 45.7508,
47.7922

■ 18.4685, 29.7925,
28.1813

■ 55.7364, 48.5667,
49.7205

■ 61.7997, 51.6547,
51.7121

■ 64.1631, 52.8344,
53.5694

Harmonies

Analogous

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



27.8496, 34.1187, 30.0920



27.2444, 34.1187, 37.4974



27.9591, 34.1187, 45.9206

Triad

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



27.2444, 34.1187, 37.4974



35.3620, 34.1187, 52.2736



35.1403, 34.1187, 24.9989

Complementary

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



27.2444, 34.1187, 37.4974



25.9820, 22.0679, 22.2935

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.



37.3511, 34.1187, 29.5730



27.2444, 34.1187, 37.4974



37.4843, 34.1187, 45.2322

Square

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



27.2444, 34.1187, 37.4974



32.5501, 34.1187, 55.1881



38.2324, 34.1187, 36.8037



32.3078, 34.1187, 23.5442

Rectangle

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



27.2444, 34.1187, 37.4974



29.1137, 34.1187, 50.8118



38.2324, 34.1187, 36.8037



35.9865, 34.1187, 26.1860

Sweetspot

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



27.2454, 34.1201, 37.4982



61.4525, 67.9749, 74.5599



25.6435, 33.6497, 21.3637



13.2045, 14.7197, 16.1585



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.2454, 34.1201, 37.4982



46.4057, 60.3903, 66.0698



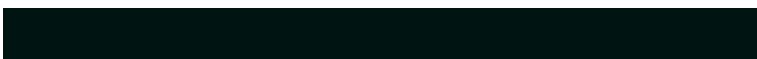
25.3836, 28.9621, 41.2997



7.6859, 8.5074, 9.3322



13.9638, 22.5043, 21.3738



0.3550, 0.5536, 0.6002

Inverse Universe

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



25.9820, 22.0679, 22.2935



43.7454, 34.9623, 34.0165



27.3469, 25.7694, 19.7529



7.5868, 7.5646, 8.1414



12.4032, 6.3700, 1.6688



0.3178, 0.1614, 0.1250

Previews

White Background



This preview shows how the XYZ color 27.2444, 34.1187, 37.4974 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 27.2444, 34.1187, 37.4974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

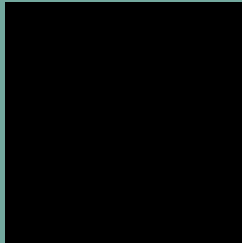
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.2444, 34.1187, 37.4974

Background



This preview shows how black text looks on a background with the XYZ color 27.2444, 34.1187, 37.4974.

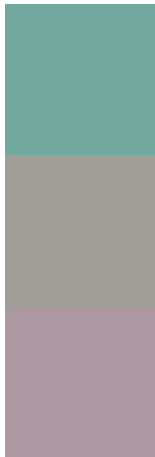


This preview shows how white text looks on a background with the XYZ color 27.2444, 34.1187,

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

27.2444, 34.1187, 37.4974

Protanopia

32.4224, 33.9580, 34.5515

Deuteranopia

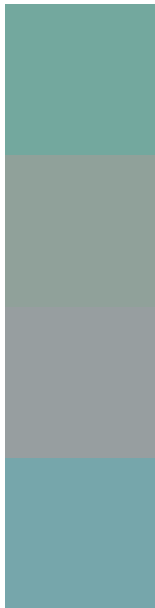
34.4558, 33.6876, 38.4046



Tritanopia

29.2367, 34.1177, 47.1639

Trichromacy



Original Color

27.2444, 34.1187, 37.4974

Protanomaly

30.0792, 33.7521, 35.5013

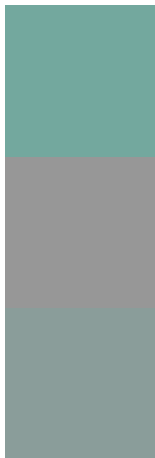
Deuteranomaly

31.3345, 33.5711, 38.0861

Tritanomaly

28.4581, 34.0643, 43.6032

Monochromacy



Original Color

27.2444, 34.1187, 37.4974

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.3709, 31.8503, 35.2243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2444, 34.1187, 37.4974 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, 168, 158)` looks like.

```
.text, #text, p{  
    color:rgb(115, 168, 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(115, 168, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 168, 158) }
```

Border

The CSS property to change the border of an element to XYZ 27.2444, 34.1187, 37.4974 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, 168, 158) }
```


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

```
.border{ border-color:rgb(115, 168, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 168, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 168, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 168, 158);  
box-shadow:4px 4px 4px 4px rgb(115, 168,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2444, 34.1187, 37.4974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 168, 158) }
```

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

```
.background{ background-color: rgb(115,  
168, 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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