

Converting Colors

XYZ(26.7121, 34.6859, 37.1855)

Have a look what the booklet for
XYZ(26.7121, 34.6859, 37.1855)
contains.

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Color

**XYZ(26.7121, 34.6859,
37.1855)**

Conversions

Conversions Part 1

Format	Color
Hex	6BAB9D
RGB	107, 171, 157
RGB Percent	42%, 67%, 62%
CMY	0.5804, 0.3294, 0.3843
CMYK	0.37, 0.00, 0.08, 0.33
HSL	167°, 28%, 55%
HSV	167°, 37%, 67%
XYZ	26.7121, 34.6859, 37.1855
YIQ	150.2680, -33.6500, -17.9220

Conversions

Conversions Part 2

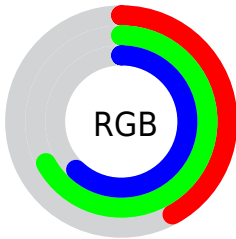
Format	Color
RYB	107, 143, 171
Decimal	7056285
CIELab	65.50, -23.80, 0.73
CIELCh	66, 23.807, 178.255
Yxy	34.6859, 0.2710, 0.3518
Android (android.graphics.Color)	4285246365 (0xFF6BAB9D)
YUV	150.2680, 3.3189, -37.9460
Hunter-Lab	58.8947, -22.1059, 3.7913

Details

The XYZ color **26.7121, 34.6859, 37.1855** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.5046, 20.5547, 20.7136**, and the grayscale version is **29.1006, 30.6161, 33.3409**.

A 20% lighter version of the original color is **53.9249, 67.2184, 71.7603**, and **10.6555, 14.8097, 15.9326** is the 20% darker color. If you saturate the color by 10%, you get **24.5417, 33.6043, 35.4426**, and if you desaturate by 10%, it is **29.3008, 35.9839, 39.0005**.

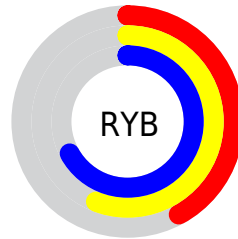
Distribution



Red (42%)

Green (67%)

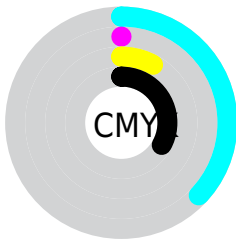
Blue (62%)



Red (42%)

Yellow (56%)

Blue (67%)

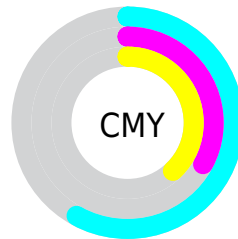


Cyan (37%)

Magenta (0%)

Yellow (8%)

Black (33%)



Cyan (58%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7121, 34.6859, 37.1855 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 26.7121, 34.6859, 37.1855 by changing the saturation by 10% instead.

■ 26.7121, 34.6859,
37.1855

■ 26.7121, 34.6859,
37.1855

278.4535,
323.1797, 349.3058

■ 17.4926, 23.4210,
25.0542

■ 53.8447, 66.9989,
72.0475

■ 10.6838, 14.9047,
15.8981

■ 72.4885, 88.8158,
95.6153

■ 5.9203, 8.7525,
9.2985

■ 95.0044, 114.9188,
123.8324

■ 2.8369, 4.5801,
4.8369

■ 121.7578,
145.6924, 157.1173

■ 1.0681, 2.0031,
2.0948

153.1141,
181.5209, 195.8886

■ 0.0000, 0.6093,
0.6127

189.4385,

■ 0.0000, 0.0000,

222.7886, 240.5647

0.0000

231.0966,
269.8801, 291.5643

■ 26.7121, 34.6859,
37.1855

■ 26.7121, 34.6859,
37.1855

■ 24.5417, 33.6043,
35.4426

■ 29.3008, 35.9839,
39.0005

■ 22.7625, 32.7223,
33.7679

■ 32.3271, 37.5054,
40.8868

■ 21.3488, 32.0276,
32.1604

■ 35.8126, 39.2624,
42.8465

■ 20.2704, 31.5047,
30.6184

■ 39.7765, 41.2649,
44.8810

■ 19.4924, 31.1355,
29.1396

■ 44.2370, 43.5223,
46.9915

■ 18.9605, 30.8921,
27.7211

■ 49.2113, 46.0434,
49.1793

■ 18.8382, 30.8369,
27.3646

■ 54.7158, 48.8366,
51.4456

■ 60.7662, 51.9100,
53.7914

■ 65.1713, 54.1341,
56.1148

Harmonies

Analogous

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



27.5903, 34.6859, 28.5411



26.7121, 34.6859, 37.1855



27.4095, 34.6859, 47.6023

Triad

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



26.7121, 34.6859, 37.1855



36.2437, 34.6859, 57.3240



36.6216, 34.6859, 23.6822

Complementary

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



26.7121, 34.6859, 37.1855



25.5046, 20.5547, 20.7136

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.



39.2312, 34.6859, 29.3894



26.7121, 34.6859, 37.1855



39.0024, 34.6859, 48.7935

Square

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



26.7121, 34.6859, 37.1855



32.7642, 34.6859, 60.3859



40.1313, 34.6859, 38.3546



33.1724, 34.6859, 21.6463

Rectangle

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



26.7121, 34.6859, 37.1855



28.7036, 34.6859, 53.9756



40.1313, 34.6859, 38.3546



37.6349, 34.6859, 25.1792

Sweetspot

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



26.7131, 34.6873, 37.1863



61.6854, 69.0779, 75.3950



25.2344, 34.3215, 19.2052



13.5725, 15.3121, 16.7107



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.7131, 34.6873, 37.1863



44.5364, 60.4723, 63.9743



24.9597, 29.1565, 42.8419



8.1602, 9.0416, 9.8685



14.2208, 23.2536, 20.7340



0.4140, 0.6542, 0.6737

Inverse Universe

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



25.5046, 20.5547, 20.7136



42.0632, 31.4386, 30.1801



26.6655, 24.1525, 17.1670



8.0743, 8.0430, 8.7021



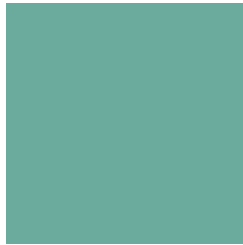
12.9340, 6.6361, 2.0318



0.3797, 0.1926, 0.1613

Previews

White Background



This preview shows how the XYZ color 26.7121, 34.6859, 37.1855 looks on a white background.

Color Contrast Check

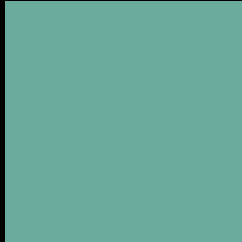
Large Text (above 18pt) WCAG AA × Fail

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 26.7121, 34.6859, 37.1855 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

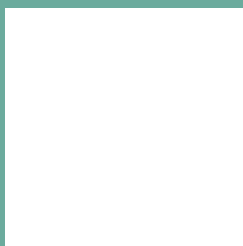
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7121, 34.6859, 37.1855

Background



This preview shows how black text looks on a background with the XYZ color 26.7121, 34.6859, 37.1855.

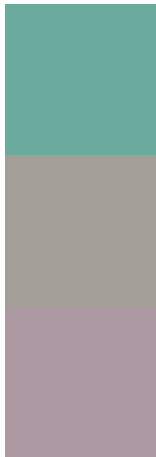


This preview shows how white text looks on a background with the XYZ color 26.7121, 34.6859,

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

26.7121, 34.6859, 37.1855

Protanopia

32.8361, 34.4423, 33.7715

Deuteranopia

34.8375, 34.1263, 38.4691



Tritanopia

28.9693, 34.4843, 48.8454

Trichromacy



Original Color

26.7121, 34.6859, 37.1855

Protanomaly

30.1747, 34.3339, 35.1737

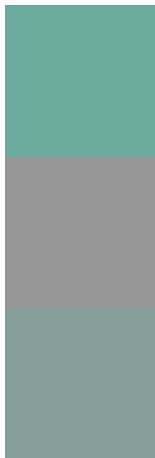
Deuteranomaly

31.1287, 33.9756, 38.1750

Tritanomaly

28.0046, 34.3633, 44.1865

Monochromacy



Original Color

26.7121, 34.6859, 37.1855

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.8081, 31.8220, 34.8136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7121, 34.6859, 37.1855 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(107, 171, 157)` looks like.

```
.text, #text, p{  
    color:rgb(107, 171, 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(107, 171, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 171, 157) }
```

Border

The CSS property to change the border of an element to XYZ 26.7121, 34.6859, 37.1855 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(107, 171, 157) }
```


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

```
.border{ border-color:rgb(107, 171, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 171, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 171, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 171, 157);  
box-shadow:4px 4px 4px 4px rgb(107, 171,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7121, 34.6859, 37.1855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 171, 157) }
```

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

```
.background{ background-color: rgb(107,  
171, 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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