

Converting Colors

XYZ(26.7717, 31.9829, 37.4162)

Have a look what the booklet for
XYZ(26.7717, 31.9829, 37.4162)
contains.

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Color

**XYZ(26.7486, 31.9860,
37.5650)**

Conversions

Conversions Part 1

Format	Color
Hex	78A19F
RGB	120, 161, 159
RGB Percent	47%, 63%, 62%
CMY	0.5294, 0.3686, 0.3765
CMYK	0.25, 0.00, 0.01, 0.37
HSL	177°, 18%, 55%
HSV	177°, 25%, 63%
XYZ	26.7486, 31.9860, 37.5650
YIQ	148.5130, -23.7940, -9.3140

Conversions

Conversions Part 2

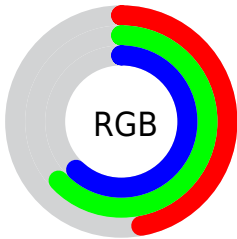
Format	Color
RYB	120, 141, 161
Decimal	7905695
CIELab	63.33, -14.28, -3.49
CIElCh	63, 14.706, 193.744
Yxy	31.9860, 0.2778, 0.3322
Android (android.graphics.Color)	4286095775 (0xFF78A19F)
YUV	148.5130, 5.1701, -25.0059
Hunter-Lab	56.5562, -14.5506, 0.2085

Details

The XYZ color **26.7486, 31.9860, 37.5650** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.9284, 22.4160, 21.4265**, and the grayscale version is **28.3496, 29.8260, 32.4805**.

A 20% lighter version of the original color is **53.9270, 62.8510, 72.9075**, and **10.7012, 13.3221, 16.1948** is the 20% darker color. If you saturate the color by 10%, you get **24.6330, 30.9041, 37.1116**, and if you desaturate by 10%, it is **29.2419, 33.2643, 38.0397**.

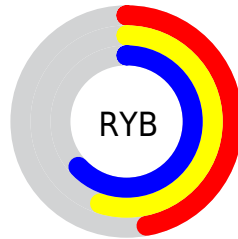
Distribution



Red (47%)

Green (63%)

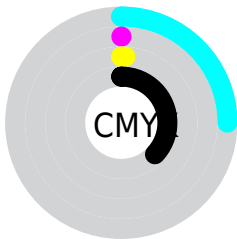
Blue (62%)



Red (47%)

Yellow (55%)

Blue (63%)

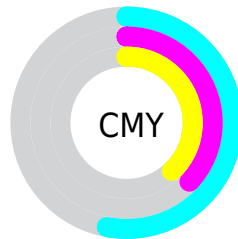


Cyan (25%)

Magenta (0%)

Yellow (1%)

Black (37%)



Cyan (53%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7486, 31.9860, 37.5650 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 26.7486, 31.9860, 37.5650 by changing the saturation by 10% instead.

■ 26.7486, 31.9860,
37.5650

■ 26.7486, 31.9860,
37.5650

278.6276,
311.0555, 350.9923

■ 17.5201, 21.3508,
25.3460

■ 53.9029, 62.7891,
72.6369

■ 10.7036, 13.3807,
16.1137

■ 72.5595, 83.7259,
96.3270

■ 5.9337, 7.6912,
9.4494

■ 95.0894, 108.8652,
124.6778

■ 2.8451, 3.8980,
4.9347

121.8581,
138.5917, 158.1079

■ 1.0724, 1.6167,
2.1509

153.2310,
173.2895, 197.0359

■ 0.0018, 0.3688,
0.6458

189.5732,

■ 0.0000, 0.0000,

213.3431, 241.8802

0.0000

231.2503,
259.1370, 293.0595

■ 26.7486, 31.9860,
37.5650

■ 26.7486, 31.9860,
37.5650

■ 24.6330, 30.9041,
37.1116

■ 29.2419, 33.2643,
38.0397

■ 22.8736, 30.0049,
36.6765

■ 32.1277, 34.7440,
38.5343

■ 21.4510, 29.2792,
36.2594

■ 35.4232, 36.4349,
39.0504

■ 20.3427, 28.7156,
35.8593

■ 39.1439, 38.3449,
39.5886

■ 19.5235, 28.3009,
35.4750

■ 43.3043, 40.4816,
40.1497

■ 18.9644, 28.0203,
35.1050

■ 47.9185, 42.8521,
40.7343

■ 18.6278, 27.8544,
34.7478

■ 52.9997, 45.4633,
41.3431

■ 18.5069, 27.7954,
34.5880

■ 58.5607, 48.3219,
41.9766

■ 60.8754, 49.5068,
42.4605

Harmonies

Analogous

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



26.7895, 31.9860, 31.7765



26.7486, 31.9860, 37.5650



27.6552, 31.9860, 43.1863

Triad

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



26.7486, 31.9860, 37.5650



33.1953, 31.9860, 43.5894



31.5130, 31.9860, 25.1178

Complementary

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



26.7486, 31.9860, 37.5650



24.9284, 22.4160, 21.4265

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.



33.3244, 31.9860, 27.6232



26.7486, 31.9860, 37.5650



34.3249, 31.9860, 38.0674

Square

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



26.7486, 31.9860, 37.5650



31.3432, 31.9860, 46.9184



34.3732, 31.9860, 32.2260



29.4793, 31.9860, 25.0154

Rectangle

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



26.7486, 31.9860, 37.5650



28.6993, 31.9860, 45.9044



34.3732, 31.9860, 32.2260



32.1701, 31.9860, 25.6930

Sweetspot

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



26.7495, 31.9873, 37.5657



56.0776, 61.4731, 68.7672



24.1691, 30.9883, 22.4774



12.1324, 13.3967, 15.0536



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.



26.7495, 31.9873, 37.5657



45.5081, 56.0575, 66.7727



23.9347, 26.0774, 37.4916



7.2611, 8.0053, 8.9867



14.7847, 22.2002, 27.6467



0.3149, 0.4682, 0.6032

Inverse Universe

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



24.9284, 22.4160, 21.4265



41.6398, 35.7216, 32.4871



27.2424, 27.2406, 21.5920



7.0871, 7.0913, 7.4453



11.7777, 6.0671, 0.7541



0.2514, 0.1291, 0.0367

Previews

White Background



This preview shows how the XYZ color 26.7486, 31.9860, 37.5650 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 26.7486, 31.9860, 37.5650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

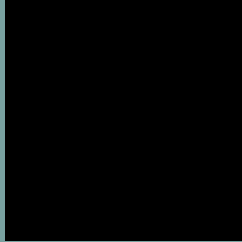
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.7486, 31.9860, 37.5650

Background



This preview shows how black text looks on a background with the XYZ color 26.7486, 31.9860, 37.5650.

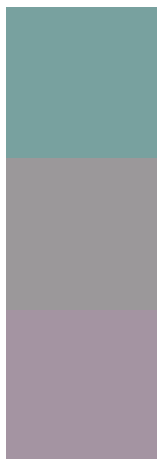


This preview shows how white text looks on a background with the XYZ color 26.7486, 31.9860,

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

26.7486, 31.9860, 37.5650

Protanopia

30.5785, 31.7581, 35.0901

Deuteranopia

32.4213, 31.6810, 38.5887



Tritanopia

28.0129, 31.9858, 43.7272

Trichromacy



Original Color

26.7486, 31.9860, 37.5650

Protanomaly

28.8774, 31.5938, 36.0287

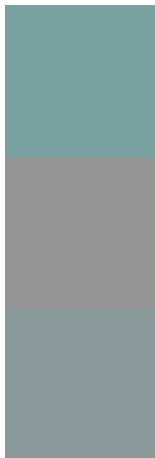
Deuteranomaly

30.0370, 31.6516, 38.2445

Tritanomaly

27.5719, 32.0692, 41.2960

Monochromacy



Original Color

26.7486, 31.9860, 37.5650

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.6222, 30.4856, 34.5655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7486, 31.9860, 37.5650 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(120, 161, 159)` looks like.

```
.text, #text, p{  
    color:rgb(120, 161, 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(120, 161, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 161, 159) }
```

Border

The CSS property to change the border of an element to XYZ 26.7486, 31.9860, 37.5650 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(120, 161, 159) }
```


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

```
.border{ border-color:rgb(120, 161, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 161, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 161, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 161, 159);  
box-shadow:4px 4px 4px 4px rgb(120, 161,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7486, 31.9860, 37.5650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 161, 159) }
```

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

```
.background{ background-color: rgb(120,  
161, 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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