

Converting Colors

XYZ(25.0269, 30.1394, 37.4538)

Have a look what the booklet for
XYZ(25.0269, 30.1394, 37.4538)
contains.

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Color

**XYZ(24.9971, 30.0619,
37.2859)**

Conversions

Conversions Part 1

Format	Color
Hex	709D9F
RGB	112, 157, 159
RGB Percent	44%, 62%, 62%
CMY	0.5608, 0.3843, 0.3765
CMYK	0.30, 0.01, 0.00, 0.38
HSL	183°, 20%, 53%
HSV	183°, 30%, 62%
XYZ	24.9971, 30.0619, 37.2859
YIQ	143.7730, -27.4620, -8.9180

Conversions

Conversions Part 2

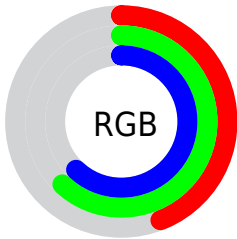
Format	Color
RYB	112, 135, 159
Decimal	7380383
CIELab	61.71, -14.60, -5.95
CIElCh	62, 15.764, 202.157
Yxy	30.0619, 0.2707, 0.3255
Android (android.graphics.Color)	4285570463 (0xFF709D9F)
YUV	143.7730, 7.5069, -27.8649
Hunter-Lab	54.8287, -14.5699, -1.9396

Details

The XYZ color **24.9971, 30.0619, 37.2859** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.2404, 20.5757, 18.0766**, and the grayscale version is **26.3974, 27.7721, 30.2438**.

A 20% lighter version of the original color is **51.1981, 59.9413, 72.4897**, and **9.8474, 12.4149, 16.0647** is the 20% darker color. If you saturate the color by 10%, you get **23.0362, 28.8824, 37.1621**, and if you desaturate by 10%, it is **27.3177, 31.4292, 37.4280**.

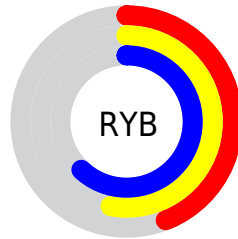
Distribution



Red (44%)

Green (62%)

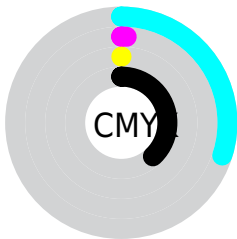
Blue (62%)



Red (44%)

Yellow (53%)

Blue (62%)

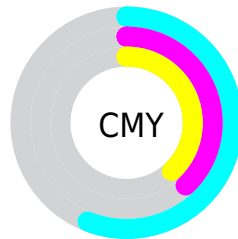


Cyan (30%)

Magenta (1%)

Yellow (0%)

Black (38%)



Cyan (56%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9971, 30.0619, 37.2859 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 24.9971, 30.0619, 37.2859 by changing the saturation by 10% instead.

■ 24.9971, 30.0619,
37.2859

■ 24.9971, 30.0619,
37.2859

270.1714,
302.1929, 349.7526

■ 16.2036, 19.8856,
25.1314

■ 51.0954, 59.7601,
72.2035

■ 9.7601, 12.3119,
15.9551

■ 69.1310, 80.0507,
95.8037

■ 5.3012, 6.9565,
9.3384

■ 90.9780, 104.4815,
124.0562

■ 2.4616, 3.4349,
4.8627

■ 117.0017,
133.4370, 157.3796

■ 0.8760, 1.3628,
2.1096

147.5676,
167.3015, 196.1924

■ 0.0000, 0.1890,
0.6215

183.0409,

■ 0.0000, 0.0000,

206.4593, 240.9131

0.0000

223.7871,
251.2950, 291.9603

■ 24.9971, 30.0619,
37.2859

■ 24.9971, 30.0619,
37.2859

■ 23.0362, 28.8824,
37.1621

■ 27.3177, 31.4292,
37.4280

■ 21.4135, 27.8775,
37.0537

■ 30.0128, 32.9898,
37.5872

■ 20.1094, 27.0378,
36.9603

■ 33.0994, 34.7531,
37.7649

■ 19.1011, 26.3515,
36.8810

■ 36.5930, 36.7272,
37.9618

■ 18.3630, 25.8054,
36.8145

■ 40.5080, 38.9195,
38.1786

■ 17.8648, 25.3840,
36.7594

■ 44.8581, 41.3370,
38.4159

■ 17.5392, 25.0524,
36.7126

■ 49.6567, 43.9867,
38.6745

■ 17.5256, 25.0382,
36.7105

■ 54.9162, 46.8749,
38.9547

■ 60.6107, 49.9884,
39.2556

Harmonies

Analogous

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



24.7599, 30.0619, 31.1808



24.9971, 30.0619, 37.2859



26.1687, 30.0619, 42.7302

Triad

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



24.9971, 30.0619, 37.2859



31.8786, 30.0619, 40.3445



29.1270, 30.0619, 22.5689

Complementary

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



24.9971, 30.0619, 37.2859



23.2404, 20.5757, 18.0766

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.



31.1201, 30.0619, 24.4299



24.9971, 30.0619, 37.2859



32.7587, 30.0619, 34.3344

Square

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



24.9971, 30.0619, 37.2859



30.1216, 30.0619, 44.6413



32.4745, 30.0619, 28.5654



27.0783, 30.0619, 23.1554

Rectangle

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



24.9971, 30.0619, 37.2859



27.3545, 30.0619, 45.0080



32.4745, 30.0619, 28.5654



29.8270, 30.0619, 22.9201

Sweetspot

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



24.9980, 30.0631, 37.2866



53.9503, 59.1964, 67.3260



22.0935, 29.4467, 20.3106



12.0024, 13.2534, 15.1692



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.



24.9980, 30.0631, 37.2866



42.5488, 52.5099, 66.6363



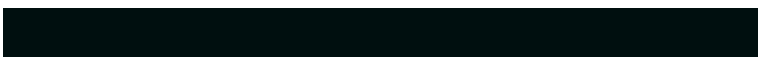
21.4566, 22.9804, 36.1061



6.7977, 7.4611, 8.4885



13.8500, 19.7915, 28.9974



0.2543, 0.3672, 0.5207

Inverse Universe

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



26.1788, 21.3943, 34.6494



45.0037, 34.6567, 61.1156



26.1784, 26.4517, 19.0559



6.8920, 6.7497, 8.2822



15.7890, 7.6202, 24.2039



0.2857, 0.1376, 0.4505

Previews

White Background



This preview shows how the XYZ color 24.9971, 30.0619, 37.2859 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 24.9971, 30.0619, 37.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

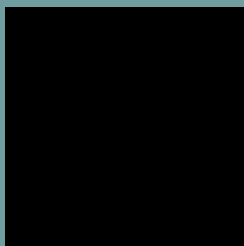
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

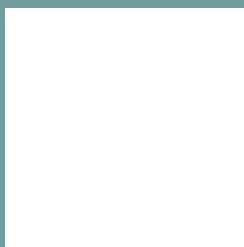
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9971, 30.0619, 37.2859

Background



This preview shows how black text looks on a background with the XYZ color 24.9971, 30.0619, 37.2859.

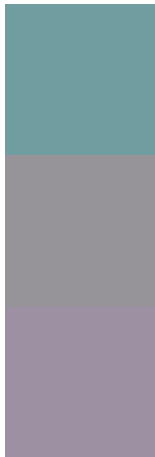


This preview shows how white text looks on a background with the XYZ color 24.9971, 30.0619,

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

24.9971, 30.0619, 37.2859

Protanopia

28.9174, 29.9637, 34.3965

Deuteranopia

30.3995, 29.7233, 38.3174



Tritanopia

25.8958, 30.1815, 41.5065

Trichromacy



Original Color

24.9971, 30.0619, 37.2859

Protanomaly

27.1363, 29.7340, 35.3193

Deuteranomaly

28.1650, 29.7308, 37.9724

Tritanomaly

25.4900, 30.0043, 40.0452

Monochromacy



Original Color

24.9971, 30.0619, 37.2859

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.6880, 28.5704, 32.5945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9971, 30.0619, 37.2859 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(112, 157, 159)` looks like.

```
.text, #text, p{  
    color:rgb(112, 157, 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(112, 157, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 157, 159) }
```

Border

The CSS property to change the border of an element to XYZ 24.9971, 30.0619, 37.2859 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(112, 157, 159) }
```


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

```
.border{ border-color:rgb(112, 157, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 157, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 157, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 157, 159);  
box-shadow:4px 4px 4px 4px rgb(112, 157,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9971, 30.0619, 37.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 157, 159) }
```

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

```
.background{ background-color: rgb(112,  
157, 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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