

Converting Colors

XYZ(29.5518, 34.7667, 37.9641)

Have a look what the booklet for
XYZ(29.5518, 34.7667, 37.9641)
contains.

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Color

**XYZ(29.5671, 34.7622,
37.9523)**

Conversions

Conversions Part 1

Format	Color
Hex	85A69F
RGB	133, 166, 159
RGB Percent	52%, 65%, 62%
CMY	0.4784, 0.3490, 0.3765
CMYK	0.20, 0.00, 0.04, 0.35
HSL	167°, 16%, 59%
HSV	167°, 20%, 65%
XYZ	29.5671, 34.7622, 37.9523
YIQ	155.3350, -17.4210, -9.1730

Conversions

Conversions Part 2

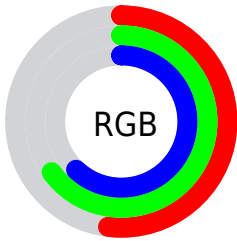
Format	Color
RYB	133, 151, 166
Decimal	8758943
CIELab	65.56, -12.78, -0.13
CIElCh	66, 12.779, 180.567
Yxy	34.7622, 0.2891, 0.3399
Android (android.graphics.Color)	4286949023 (0xFF85A69F)
YUV	155.3350, 1.8068, -19.5878
Hunter-Lab	58.9595, -13.6646, 3.1066

Details

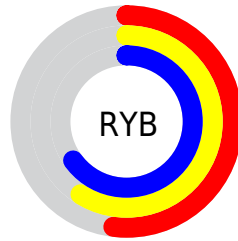
The XYZ color **29.5671, 34.7622, 37.9523** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.8483, 26.7764, 28.4604**, and the grayscale version is **31.3027, 32.9329, 35.8639**.

A 20% lighter version of the original color is **58.4876, 67.1327, 73.4936**, and **12.2914, 14.9563, 16.4264** is the 20% darker color. If you saturate the color by 10%, you get **26.8495, 33.3970, 36.2528**, and if you desaturate by 10%, it is **32.7096, 36.3473, 39.7186**.

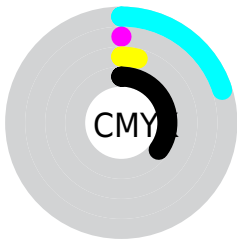
Distribution



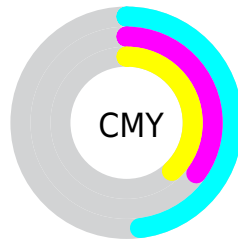
- Red (52%)
- Green (65%)
- Blue (62%)



- Red (52%)
- Yellow (59%)
- Blue (65%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (35%)



- Cyan (48%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5671, 34.7622, 37.9523 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 29.5671, 34.7622, 37.9523 by changing the saturation by 10% instead.

■ 29.5671, 34.7622,
37.9523

■ 29.5671, 34.7622,
37.9523

291.8275,
323.5175, 352.7074

■ 19.6567, 23.4798,
25.6441

■ 58.3682, 67.1172,
73.2376

■ 12.2525, 14.9482,
16.3342

■ 77.9897, 88.9586,
97.0519

■ 6.9893, 8.7830,
9.6041

■ 101.5788,
115.0884, 125.5385

■ 3.5017, 4.5999,
5.0351

129.5010,
145.8910, 159.1162

■ 1.4243, 2.0145,
2.2088

162.1216,
181.7508, 198.2034

■ 0.2734, 0.6159,
0.6794

199.8060,

■ 0.0000, 0.0000,

223.0522, 243.2186

0.0000

242.9195,
270.1796, 294.5804

■ 29.5671, 34.7622,
37.9523

■ 29.5671, 34.7622,
37.9523

■ 26.8495, 33.3970,
36.2528

■ 32.7096, 36.3473,
39.7186

■ 24.5343, 32.2373,
34.6165

■ 36.2923, 38.1574,
41.5507

■ 22.6016, 31.2738,
33.0428

■ 40.3333, 40.2028,
43.4504

■ 21.0283, 30.4946,
31.5303

■ 44.8487, 42.4917,
45.4189

■ 19.7890, 29.8865,
30.0774

■ 49.8540, 45.0321,
47.4572

■ 18.8548, 29.4348,
28.6823

■ 55.3639, 47.8315,
49.5664

■ 18.1917, 29.1219,
27.3431

■ 61.3924, 50.8973,
51.7475

■ 17.7241, 28.9089,
26.0558

■ 63.8657, 52.1293,
53.8102

■ 17.7188, 28.9065,
26.0406

■ 64.2480, 52.2822,
55.8234

Harmonies

Analogous

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



30.0009, 34.7622, 33.0027



29.5671, 34.7622, 37.9523



30.0343, 34.7622, 43.3437

Triad

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



29.5671, 34.7622, 37.9523



34.9067, 34.7622, 47.4479



34.8427, 34.7622, 29.5560

Complementary

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



29.5671, 34.7622, 37.9523



28.8483, 26.7764, 28.4604

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.



36.2407, 34.7622, 32.8416



29.5671, 34.7622, 37.9523



36.2786, 34.7622, 43.1504

Square

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



29.5671, 34.7622, 37.9523



33.0761, 34.7622, 49.1339



36.7756, 34.7622, 37.7481



33.0048, 34.7622, 28.4414

Rectangle

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



29.5671, 34.7622, 37.9523



30.8044, 34.7622, 46.3921



36.7756, 34.7622, 37.7481



35.3821, 34.7622, 30.4269

Sweetspot

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



29.5681, 34.7636, 37.9531



61.7169, 67.1528, 73.3210



28.7115, 34.5559, 27.3476



13.7228, 14.9829, 16.3621



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.



29.5681, 34.7636, 37.9531



51.3151, 61.9096, 67.4547



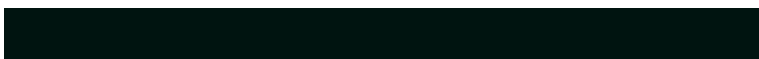
28.5547, 31.7367, 40.6989



7.6784, 8.5044, 9.2924



13.7569, 22.4215, 20.2843



0.3513, 0.5522, 0.5811

Inverse Universe

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



28.8483, 26.7764, 28.4604



49.7610, 44.6518, 46.9498



29.6859, 29.2518, 26.2724



7.5938, 7.5674, 8.1783



12.4470, 6.3875, 1.8997



0.3204, 0.1624, 0.1388

Previews

White Background



This preview shows how the XYZ color 29.5671, 34.7622, 37.9523 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 29.5671, 34.7622, 37.9523 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

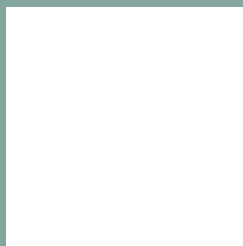
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5671, 34.7622, 37.9523

Background



This preview shows how black text looks on a background with the XYZ color 29.5671, 34.7622, 37.9523.



This preview shows how white text looks on a background with the XYZ color 29.5671, 34.7622,

37.9523.

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

29.5671, 34.7622, 37.9523

Protanopia

33.2475, 34.6068, 35.9378

Deuteranopia

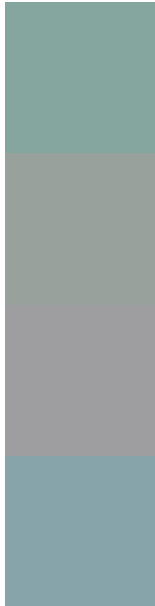
35.2222, 34.5686, 38.5342



Tritanopia

31.0870, 34.5632, 46.1072

Trichromacy



Original Color

29.5671, 34.7622, 37.9523

Protanomaly

31.6945, 34.5654, 36.4538

Deuteranomaly

32.6726, 34.2609, 38.1487

Tritanomaly

30.5228, 34.6041, 43.1007

Monochromacy



Original Color

29.5671, 34.7622, 37.9523

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.4315, 33.3996, 36.2953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5671, 34.7622, 37.9523 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(133, 166, 159)` looks like.

```
.text, #text, p{  
    color:rgb(133, 166, 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(133, 166, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 166, 159) }
```

Border

The CSS property to change the border of an element to XYZ 29.5671, 34.7622, 37.9523 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(133, 166, 159) }
```


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

```
.border{ border-color:rgb(133, 166, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 166, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 166, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 166, 159);  
box-shadow:4px 4px 4px 4px rgb(133, 166,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5671, 34.7622, 37.9523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 166, 159) }
```

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

```
.background{ background-color: rgb(133,  
166, 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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