

Converting Colors

XYZ(24.5783, 34.1550, 31.7019)

Have a look what the booklet for
XYZ(24.5783, 34.1550, 31.7019)
contains.

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Color

**XYZ(24.6969, 34.3337,
31.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	5FAD90
RGB	95, 173, 144
RGB Percent	37%, 68%, 56%
CMY	0.6274, 0.3216, 0.4353
CMYK	0.45, 0.00, 0.17, 0.32
HSL	158°, 32%, 53%
HSV	158°, 45%, 68%
XYZ	24.6969, 34.3337, 31.7110
YIQ	146.3720, -37.1790, -25.5550

Conversions

Conversions Part 2

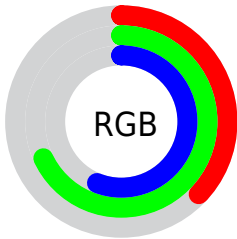
Format	Color
RYB	95, 143, 173
Decimal	6270352
CIELab	65.23, -31.06, 7.48
CIELCh	65, 31.942, 166.466
Yxy	34.3337, 0.2722, 0.3784
Android (android.graphics.Color)	4284460432 (0xFF5FAD90)
YUV	146.3720, -1.1694, -45.0532
Hunter-Lab	58.5950, -27.3061, 8.9293

Details

The XYZ color **24.6969, 34.3337, 31.7110** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.9650, 18.5246, 21.3297**, and the grayscale version is **27.4906, 28.9223, 31.4964**.

A 20% lighter version of the original color is **50.6068, 66.5054, 63.5956**, and **9.6119, 14.6922, 12.9190** is the 20% darker color. If you saturate the color by 10%, you get **22.6180, 33.3181, 29.1204**, and if you desaturate by 10%, it is **27.2048, 35.5690, 34.4694**.

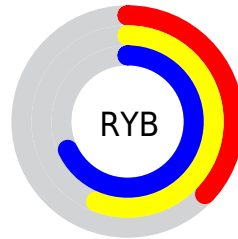
Distribution



Red (37%)

Green (68%)

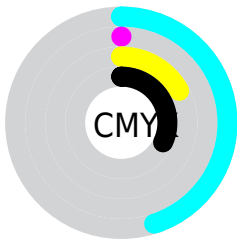
Blue (56%)



Red (37%)

Yellow (56%)

Blue (68%)

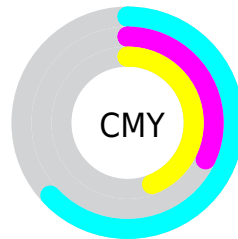


Cyan (45%)

Magenta (0%)

Yellow (17%)

Black (32%)



Cyan (63%)

Magenta (32%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.6969, 34.3337, 31.7110 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 24.6969, 34.3337, 31.7110 by changing the saturation by 10% instead.


 24.6969, 34.3337,
31.7110


 24.6969, 34.3337,
31.7110


268.7007,
321.6175, 324.2527


 15.9789, 23.1501,
20.8779


 50.6115, 66.4523,
63.4504


 9.6000, 14.7044,
12.8444


 68.5389, 88.1560,
85.1937

 5.1948, 8.6122,
7.1920


 90.2667, 114.1352,
111.4109

 2.3979, 4.4891,
3.5022

 116.1604,
144.7743, 142.5204

 0.8441, 1.9507,
1.3564

146.5853,
180.4577, 178.9408

 0.0000, 0.5786,
0.1074

181.9067,

 0.0000, 0.0000,

221.5697, 221.0906

0.0000

222.4900,
268.4949, 269.3884

■ 24.6969, 34.3337,
31.7110

■ 24.6969, 34.3337,
31.7110

■ 22.6180, 33.3181,
29.1204

■ 27.2048, 35.5690,
34.4694

■ 20.9380, 32.5040,
26.6917

■ 30.1636, 37.0326,
37.3967

■ 19.6275, 31.8773,
24.4216


■ 33.5970, 38.7375,
40.4972


■ 18.6513, 31.4199,
22.3060


■ 37.5263, 40.6947,
43.7741

■ 17.9663, 31.1096,
20.3402


■ 41.9712, 42.9142,
47.2304

 17.6873, 30.9857,
19.4262

 46.9506, 45.4058,
50.8693

 52.4822, 48.1786,
54.6937

 58.5832, 51.2412,
58.7063

 65.2696, 54.6021,
62.9102

Harmonies

Analogous

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



26.5768, 34.3337, 22.3875



24.6969, 34.3337, 31.7110



24.7952, 34.3337, 45.1128

Triad

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



24.6969, 34.3337, 31.7110



35.2308, 34.3337, 67.6713



39.1800, 34.3337, 21.7365

Complementary

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



24.6969, 34.3337, 31.7110



24.9650, 18.5246, 21.3297

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.



41.9699, 34.3337, 30.5918



24.6969, 34.3337, 31.7110



39.5461, 34.3337, 57.9157

Square

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



24.6969, 34.3337, 31.7110



30.5872, 34.3337, 68.1756



42.1099, 34.3337, 43.6952



34.7684, 34.3337, 17.6212

Rectangle

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



24.6969, 34.3337, 31.7110



25.9642, 34.3337, 54.7408



42.1099, 34.3337, 43.6952



40.3561, 34.3337, 24.1482

Sweetspot

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



24.6978, 34.3351, 31.7118



60.7262, 69.6518, 73.0076



25.4530, 35.0673, 16.2540



12.8986, 14.9884, 15.6070



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.



24.6978, 34.3351, 31.7118



40.5542, 59.6921, 52.2156



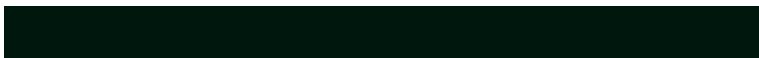
25.5208, 31.9665, 44.3620



8.1081, 9.0208, 9.5942



13.0217, 22.7740, 14.4198



0.3875, 0.6437, 0.5343

Inverse Universe

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



24.9650, 18.5246, 21.3297



41.1045, 27.8033, 31.3328



24.2605, 19.6320, 13.3375



8.1238, 8.0628, 8.9626



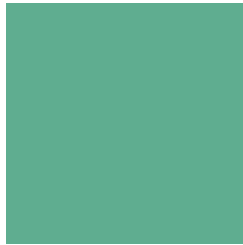
13.3730, 6.8117, 4.3435



0.3990, 0.2003, 0.2627

Previews

White Background



This preview shows how the XYZ color 24.6969, 34.3337, 31.7110 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 24.6969, 34.3337, 31.7110 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

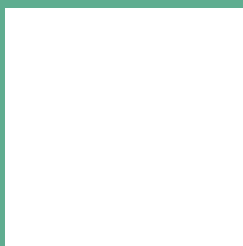
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6969, 34.3337, 31.7110

Background



This preview shows how black text looks on a background with the XYZ color 24.6969, 34.3337, 31.7110.

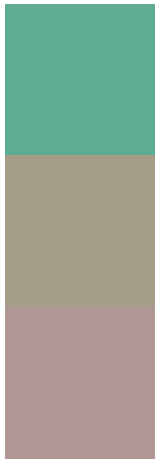


This preview shows how white text looks on a background with the XYZ color 24.6969, 34.3337,

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

24.6969, 34.3337, 31.7110

Protanopia

32.0180, 33.8908, 28.1466

Deuteranopia

34.4780, 33.8247, 32.7286



Tritanopia

28.1688, 34.3447, 48.8606

Trichromacy



Original Color

24.6969, 34.3337, 31.7110

Protanomaly

28.5726, 33.6339, 29.4122

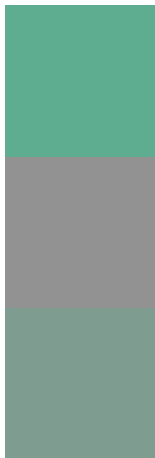
Deuteranomaly

29.8699, 33.4512, 32.4862

Tritanomaly

26.8094, 34.3433, 42.2617

Monochromacy



Original Color

24.6969, 34.3337, 31.7110

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

25.7517, 30.3333, 31.2857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6969, 34.3337, 31.7110 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(95, 173, 144)` looks like.

```
.text, #text, p{  
    color:rgb(95, 173, 144)  
}
```

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(95, 173, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 173, 144) }
```

Border

The CSS property to change the border of an element to XYZ 24.6969, 34.3337, 31.7110 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(95, 173, 144) }
```


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

```
.border{ border-color:rgb(95, 173, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 173, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 173, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 173, 144);  
box-shadow:4px 4px 4px 4px rgb(95, 173,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6969, 34.3337, 31.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 173, 144) }
```

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

```
.background{ background-color: rgb(95, 173,  
144) }
```

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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