

Converting Colors

XYZ(25.4668, 31.4295, 35.5843)

Have a look what the booklet for
XYZ(25.4668, 31.4295, 35.5843)
contains.

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Color

**XYZ(25.4713, 31.3670,
35.7223)**

Conversions

Conversions Part 1

Format	Color
Hex	71A19B
RGB	113, 161, 155
RGB Percent	44%, 63%, 61%
CMY	0.5569, 0.3686, 0.3922
CMYK	0.30, 0.00, 0.04, 0.37
HSL	172°, 20%, 54%
HSV	172°, 30%, 63%
XYZ	25.4713, 31.3670, 35.7223
YIQ	145.9640, -26.6820, -12.0420

Conversions

Conversions Part 2

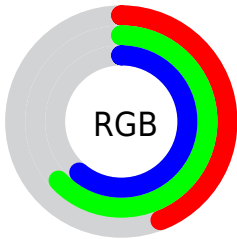
Format	Color
RYB	113, 139, 161
Decimal	7446939
CIELab	62.82, -17.37, -2.05
CIELCh	63, 17.486, 186.732
Yxy	31.3670, 0.2752, 0.3389
Android (android.graphics.Color)	4285637019 (0xFF71A19B)
YUV	145.9640, 4.4547, -28.9094
Hunter-Lab	56.0062, -16.8302, 1.3876

Details

The XYZ color **25.4713, 31.3670, 35.7223** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.9339, 20.7201, 20.1919**, and the grayscale version is **27.2977, 28.7193, 31.2753**.

A 20% lighter version of the original color is **51.7904, 61.8222, 69.5248**, and **10.0172, 12.9935, 15.0767** is the 20% darker color. If you saturate the color by 10%, you get **23.4135, 30.3263, 34.7514**, and if you desaturate by 10%, it is **27.9012, 32.6008, 36.7267**.

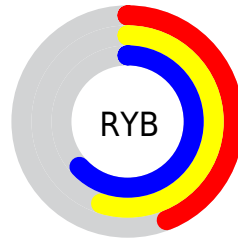
Distribution



Red (44%)

Green (63%)

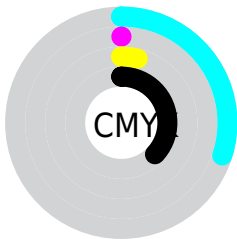
Blue (61%)



Red (44%)

Yellow (55%)

Blue (63%)

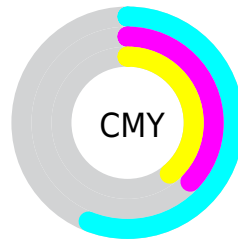


Cyan (30%)

Magenta (0%)

Yellow (4%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4713, 31.3670, 35.7223 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 25.4713, 31.3670, 35.7223 by changing the saturation by 10% instead.

■ 25.4713, 31.3670,
35.7223

■ 25.4713, 31.3670,
35.7223

272.4815,
308.2255, 342.7458

■ 16.5591, 20.8785,
23.9318

■ 51.8582, 61.8174,
69.7674

■ 10.0140, 13.0352,
15.0713

■ 70.0636, 82.5481,
92.8592

■ 5.4706, 7.4528,
8.7223

■ 92.0975, 107.4616,
120.5551

■ 2.5635, 3.7468,
4.4661

■ 118.3253,
136.9423, 153.2736

■ 0.9274, 1.5330,
1.8844

149.1122,
171.3747, 191.4335

■ 0.0000, 0.3118,
0.4828

184.8236,

■ 0.0000, 0.0000,

211.1431, 235.4531

0.0000

225.8249,
256.6319, 285.7510

■ 25.4713, 31.3670,
35.7223

■ 25.4713, 31.3670,
35.7223

■ 23.4135, 30.3263,
34.7514

■ 27.9012, 32.6008,
36.7267

■ 21.7056, 29.4649,
33.8108

■ 30.7186, 34.0332,
37.7634

■ 20.3274, 28.7732,
32.9002

■ 33.9411, 35.6740,
38.8339

■ 19.2553, 28.2389,
32.0184

■ 37.5845, 37.5316,
39.9390

■ 18.4626, 27.8483,
31.1642

■ 41.6639, 39.6136,
41.0795

■ 17.9180, 27.5854,
30.3359

■ 46.1935, 41.9274,
42.2562

■ 17.5501, 27.4132,
29.5301

■ 51.1869, 44.4799,
43.4696

■ 17.5436, 27.4101,
29.5153

■ 56.6571, 47.2778,
44.7206

■ 61.5398, 49.7726,
45.9594

Harmonies

Analogous

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



25.7811, 31.3670, 29.2054



25.4713, 31.3670, 35.7223



26.2740, 31.3670, 42.6608

Triad

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



25.4713, 31.3670, 35.7223



32.6523, 31.3670, 45.8468



31.6692, 31.3670, 23.4168

Complementary

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



25.4713, 31.3670, 35.7223



23.9339, 20.7201, 20.1919

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.



33.6571, 31.3670, 26.8595



25.4713, 31.3670, 35.7223



34.2456, 31.3670, 39.6307

Square

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



25.4713, 31.3670, 35.7223



30.3563, 31.3670, 48.9911



34.6229, 31.3670, 32.6310



29.2770, 31.3670, 22.6619

Rectangle

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



25.4713, 31.3670, 35.7223



27.3587, 31.3670, 46.4054



34.6229, 31.3670, 32.6310



32.4107, 31.3670, 24.2733

Sweetspot

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



25.4722, 31.3683, 35.7230



55.3620, 61.1260, 67.7500



23.3892, 30.6336, 20.3035



11.9789, 13.3230, 14.8017



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.



25.4722, 31.3683, 35.7230



43.0173, 54.8594, 62.7741



23.1266, 25.8502, 37.4904



7.2378, 7.9959, 8.8641



14.0212, 21.8948, 23.6259



0.3046, 0.4640, 0.5489

Inverse Universe

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



23.9339, 20.7201, 20.1919



39.7994, 32.5618, 30.2680



25.7423, 24.8957, 19.0719



7.1081, 7.0997, 7.5559



11.8494, 6.0958, 1.1318



0.2589, 0.1320, 0.0759

Previews

White Background



This preview shows how the XYZ color 25.4713, 31.3670, 35.7223 looks on a white background.

Color Contrast Check

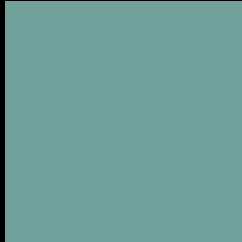
Large Text (above 18pt) WCAG AA × Fail

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 25.4713, 31.3670, 35.7223 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 25.4713, 31.3670, 35.7223

Background



This preview shows how black text looks on a background with the XYZ color 25.4713, 31.3670, 35.7223.

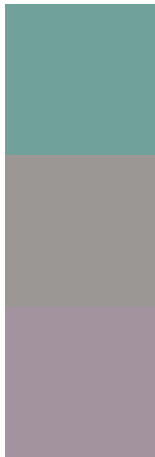


This preview shows how white text looks on a background with the XYZ color 25.4713, 31.3670,

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

25.4713, 31.3670, 35.7223

Protanopia

30.0090, 31.2717, 32.8882

Deuteranopia

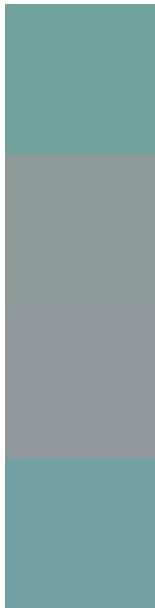
31.7095, 31.1226, 36.6837



Tritanopia

27.0849, 31.5185, 43.1842

Trichromacy



Original Color

25.4713, 31.3670, 35.7223

Protanomaly

28.1225, 31.2525, 33.8283

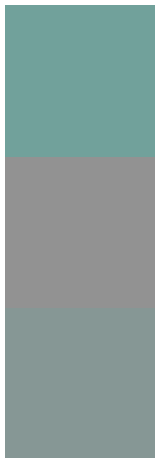
Deuteranomaly

28.9911, 30.9105, 36.3366

Tritanomaly

26.5648, 31.5712, 40.2911

Monochromacy



Original Color

25.4713, 31.3670, 35.7223

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.3229, 29.3715, 32.7157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4713, 31.3670, 35.7223 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(113, 161, 155)` looks like.

```
.text, #text, p{  
    color:rgb(113, 161, 155)  
}
```

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(113, 161, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 161, 155) }
```

Border

The CSS property to change the border of an element to XYZ 25.4713, 31.3670, 35.7223 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(113, 161, 155) }
```


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

```
.border{ border-color:rgb(113, 161, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 161, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 161, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 161, 155);  
box-shadow:4px 4px 4px 4px rgb(113, 161,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4713, 31.3670, 35.7223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 161, 155) }
```

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

```
.background{ background-color: rgb(113,  
161, 155) }
```

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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