

Converting Colors

XYZ(25.3754, 31.3960, 35.8832)

Have a look what the booklet for
XYZ(25.3754, 31.3960, 35.8832)
contains.

XYZ(25.3434, 31.3010, 35.7163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.3434, 31.3010,
35.7163)**

Conversions

Conversions Part 1

Format	Color
Hex	70A19B
RGB	112, 161, 155
RGB Percent	44%, 63%, 61%
CMY	0.5608, 0.3686, 0.3922
CMYK	0.30, 0.00, 0.04, 0.37
HSL	173°, 21%, 54%
HSV	173°, 30%, 63%
XYZ	25.3434, 31.3010, 35.7163
YIQ	145.6650, -27.2780, -12.2540

Conversions

Conversions Part 2

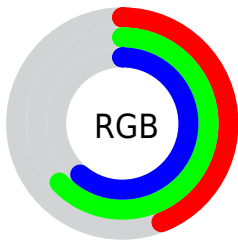
Format	Color
RYB	112, 138, 161
Decimal	7381403
CIELab	62.76, -17.67, -2.14
CIELCh	63, 17.796, 186.898
Yxy	31.3010, 0.2744, 0.3389
Android (android.graphics.Color)	4285571483 (0xFF70A19B)
YUV	145.6650, 4.6022, -29.5242
Hunter-Lab	55.9473, -17.0496, 1.3129

Details

The XYZ color **25.3434, 31.3010, 35.7163** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.7633, 20.4744, 19.8404**, and the grayscale version is **27.1751, 28.5903, 31.1348**.

A 20% lighter version of the original color is **51.5815, 61.7145, 69.5151**, and **9.8918, 12.9289, 15.0709** is the 20% darker color. If you saturate the color by 10%, you get **23.3112, 30.2731, 34.7643**, and if you desaturate by 10%, it is **27.7465, 32.5213, 36.7011**.

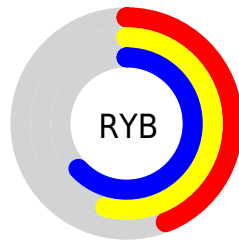
Distribution



Red (44%)

Green (63%)

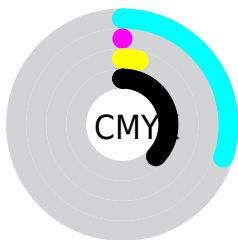
Blue (61%)



Red (44%)

Yellow (54%)

Blue (63%)

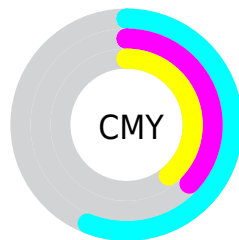


Cyan (30%)

Magenta (0%)

Yellow (4%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3434, 31.3010, 35.7163 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 25.3434, 31.3010, 35.7163 by changing the saturation by 10% instead.

■ 25.3434, 31.3010,
35.7163

■ 25.3434, 31.3010,
35.7163

271.8600,
307.9226, 342.7187

■ 16.4632, 20.8282,
23.9272

■ 51.6527, 61.7137,
69.7581

■ 9.9454, 12.9985,
15.0679

■ 69.8124, 82.4223,
92.8478

■ 5.4248, 7.4275,
8.7199

■ 91.7961, 107.3116,
120.5416

■ 2.5359, 3.7309,
4.4646

■ 117.9689,
136.7660, 153.2578

■ 0.9134, 1.5242,
1.8836

148.6964,
171.1699, 191.4151

■ 0.0000, 0.3056,
0.4822

184.3439,

■ 0.0000, 0.0000,

210.9077, 235.4320

0.0000

225.2766,
256.3638, 285.7270

■ 25.3434, 31.3010,
35.7163

■ 25.3434, 31.3010,
35.7163

■ 23.3112, 30.2731,
34.7643

■ 27.7465, 32.5213,
36.7011

■ 21.6275, 29.4238,
33.8420

■ 30.5358, 33.9397,
37.7176

■ 20.2720, 28.7434,
32.9490

■ 33.7291, 35.5659,
38.7672

■ 19.2209, 28.2196,
32.0842

■ 37.3423, 37.4084,
39.8507

■ 18.4474, 27.8386,
31.2462

■ 41.3904, 39.4747,
40.9690

■ 17.9197, 27.5840,
30.4336

■ 45.8877, 41.7723,
42.1228

■ 17.5742, 27.4223,
29.6765

■ 50.8479, 44.3081,
43.3127

■ 56.2839, 47.0890,
44.5395

■ 61.5040, 49.7582,
45.7708

Harmonies

Analogous

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



25.6514, 31.3010, 29.0898



25.3434, 31.3010, 35.7163



26.1638, 31.3010, 42.7760

Triad

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



25.3434, 31.3010, 35.7163



32.6491, 31.3010, 45.9592



31.6244, 31.3010, 23.1826

Complementary

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



25.3434, 31.3010, 35.7163



23.7633, 20.4744, 19.8404

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.



33.6512, 31.3010, 26.6529



25.3434, 31.3010, 35.7163



34.2650, 31.3010, 39.6138

Square

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



25.3434, 31.3010, 35.7163



30.3162, 31.3010, 49.1895



34.6414, 31.3010, 32.4973



29.1922, 31.3010, 22.4348

Rectangle

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



25.3434, 31.3010, 35.7163



27.2680, 31.3010, 46.5835



34.6414, 31.3010, 32.4973



32.3796, 31.3010, 24.0440

Sweetspot

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



25.3443, 31.3023, 35.7170



55.3679, 61.1284, 67.7809



23.2144, 30.5498, 20.0032



11.9804, 13.3236, 14.8095



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.



25.3443, 31.3023, 35.7170



42.6804, 54.6866, 62.7194



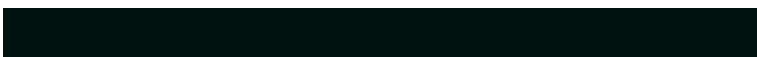
22.9436, 25.6740, 37.4659



7.2386, 7.9963, 8.8682



14.0455, 21.9045, 23.7538



0.3049, 0.4642, 0.5507

Inverse Universe

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



23.7633, 20.4744, 19.8404



39.3612, 31.9294, 29.3694



25.6019, 24.7044, 18.7491



7.1074, 7.0994, 7.5522



11.8464, 6.0946, 1.1159



0.2586, 0.1319, 0.0746

Previews

White Background



This preview shows how the XYZ color 25.3434, 31.3010, 35.7163 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 25.3434, 31.3010, 35.7163 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

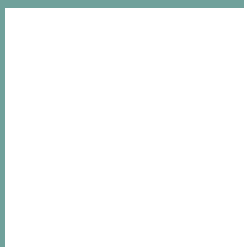
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3434, 31.3010, 35.7163

Background



This preview shows how black text looks on a background with the XYZ color 25.3434, 31.3010, 35.7163.

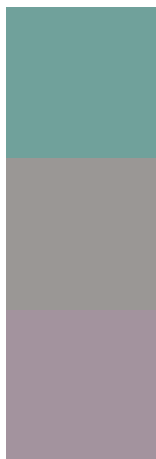


This preview shows how white text looks on a background with the XYZ color 25.3434, 31.3010,

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

25.3434, 31.3010, 35.7163

Protanopia

29.8179, 31.1732, 32.8792

Deuteranopia

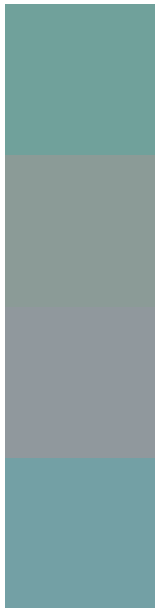
31.7095, 31.1226, 36.6837



Tritanopia

26.9513, 31.4496, 43.1780

Trichromacy



Original Color

25.3434, 31.3010, 35.7163

Protanomaly

27.9547, 31.1660, 33.8204

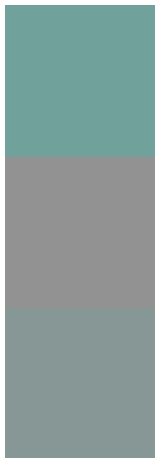
Deuteranomaly

28.8156, 30.8201, 36.3284

Tritanomaly

26.4326, 31.5031, 40.2849

Monochromacy



Original Color

25.3434, 31.3010, 35.7163

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 25.3434, 31.3010, 35.7163 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, 161, 155)` looks like.

```
.text, #text, p{  
    color:rgb(112, 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(112, 161, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 161, 155) }
```

Border

The CSS property to change the border of an element to XYZ 25.3434, 31.3010, 35.7163 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, 161, 155) }
```


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

```
.border{ border-color:rgb(112, 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(112, 161, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 161, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 161, 155);  
box-shadow:4px 4px 4px 4px rgb(112, 161,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3434, 31.3010, 35.7163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 161, 155) }
```

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

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