

Converting Colors

XYZ(25.3663, 30.9567, 36.4280)

Have a look what the booklet for
XYZ(25.3663, 30.9567, 36.4280)
contains.

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Color

**XYZ(25.4667, 31.0866,
36.5564)**

Conversions

Conversions Part 1

Format	Color
Hex	71A09D
RGB	113, 160, 157
RGB Percent	44%, 63%, 62%
CMY	0.5569, 0.3725, 0.3843
CMYK	0.29, 0.00, 0.02, 0.37
HSL	176°, 20%, 54%
HSV	176°, 29%, 63%
XYZ	25.4667, 31.0866, 36.5564
YIQ	145.6050, -27.0490, -10.8970

Conversions

Conversions Part 2

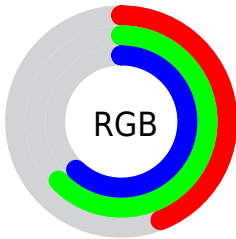
Format	Color
RYB	113, 137, 160
Decimal	7446685
CIELab	62.58, -16.37, -3.52
CIELCh	63, 16.744, 192.140
Yxy	31.0866, 0.2735, 0.3339
Android (android.graphics.Color)	4285636765 (0xFF71A09D)
YUV	145.6050, 5.6177, -28.5946
Hunter-Lab	55.7554, -16.0406, 0.1548

Details

The XYZ color **25.4667, 31.0866, 36.5564** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.5558, 20.5458, 19.2485**, and the grayscale version is **27.1465, 28.5602, 31.1020**.

A 20% lighter version of the original color is **51.7842, 61.4110, 70.7522**, and **10.0140, 12.8225, 15.5829** is the 20% darker color. If you saturate the color by 10%, you get **23.5003, 30.0837, 36.0115**, and if you desaturate by 10%, it is **27.7986, 32.2794, 37.1236**.

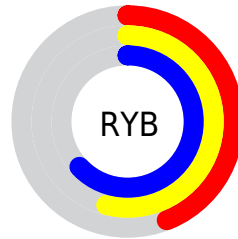
Distribution



Red (44%)

Green (63%)

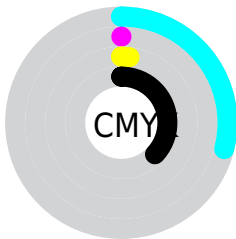
Blue (62%)



Red (44%)

Yellow (54%)

Blue (63%)

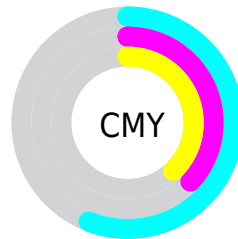


Cyan (29%)

Magenta (0%)

Yellow (2%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4667, 31.0866, 36.5564 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 25.4667, 31.0866, 36.5564 by changing the saturation by 10% instead.

■ 25.4667, 31.0866,
36.5564

■ 25.4667, 31.0866,
36.5564

272.4592,
306.9371, 346.4967

■ 16.5557, 20.6648,
24.5711

■ 51.8508, 61.3764,
71.0687

■ 10.0115, 12.8792,
15.5417

■ 70.0546, 82.0132,
94.4328

■ 5.4689, 7.3454,
9.0496

■ 92.0867, 106.8237,
122.4269

■ 2.5625, 3.6790,
4.6763

■ 118.3125,
136.1925, 155.4696

■ 0.9269, 1.4957,
2.0032

149.0972,
170.5038, 193.9793

■ 0.0000, 0.2857,
0.5573

184.8064,

■ 0.0000, 0.0000,

210.1421, 238.3747

0.0000

225.8052,
255.4917, 289.0743

■ 25.4667, 31.0866,
36.5564

■ 25.4667, 31.0866,
36.5564

■ 23.5003, 30.0837,
36.0115

■ 27.7986, 32.2794,
37.1236

■ 21.8776, 29.2572,
35.4858

■ 30.5108, 33.6674,
37.7117

■ 20.5788, 28.5974,
34.9790

■ 33.6210, 35.2604,
38.3223

■ 19.5807, 28.0927,
34.4901

■ 37.1445, 37.0665,
38.9560

■ 18.8572, 27.7294,
34.0178

■ 41.0961, 39.0932,
39.6137

■ 18.3779, 27.4919,
33.5608

■ 45.4898, 41.3476,
40.2958

■ 18.0766, 27.3462,
33.1158

■ 50.3389, 43.8368,
41.0032

■ 18.0590, 27.3377,
33.0881

■ 55.6562, 46.5673,
41.7363

■ 60.7124, 49.1630,
42.4611

Harmonies

Analogous

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



25.5693, 31.0866, 30.1433



25.4667, 31.0866, 36.5564



26.4153, 31.0866, 42.9855

Triad

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



25.4667, 31.0866, 36.5564



32.5855, 31.0866, 44.0322



30.9112, 31.0866, 23.2534

Complementary

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



25.4667, 31.0866, 36.5564



23.5558, 20.5458, 19.2485

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.



32.9166, 31.0866, 26.1069



25.4667, 31.0866, 36.5564



33.9169, 31.0866, 37.8445

Square

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



25.4667, 31.0866, 36.5564



30.4780, 31.0866, 47.6588



34.0411, 31.0866, 31.2768



28.6349, 31.0866, 23.0019

Rectangle

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



25.4667, 31.0866, 36.5564



27.5461, 31.0866, 46.1992



34.0411, 31.0866, 31.2768



31.6422, 31.0866, 23.9213

Sweetspot

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



25.4676, 31.0879, 36.5571



55.5031, 61.1824, 68.4929



22.7726, 30.0573, 20.2250



12.0144, 13.3372, 14.9887



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.



25.4676, 31.0879, 36.5571



43.9148, 55.2573, 65.7462



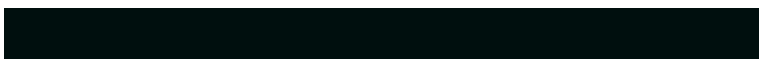
22.4808, 24.6990, 36.8415



6.8036, 7.5022, 8.4001



14.0733, 21.2972, 25.8065



0.2566, 0.3828, 0.4874

Inverse Universe

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



23.5558, 20.5458, 19.2485



39.8922, 33.0652, 29.3189



25.9168, 25.5426, 19.1878



6.6494, 6.6527, 7.0048



11.3431, 5.8418, 0.7916



0.2073, 0.1062, 0.0376

Previews

White Background



This preview shows how the XYZ color 25.4667, 31.0866, 36.5564 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 25.4667, 31.0866, 36.5564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

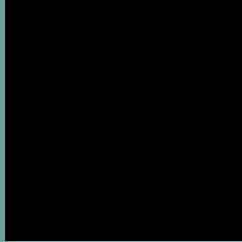
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

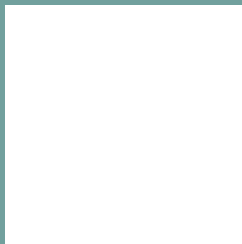
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4667, 31.0866, 36.5564

Background



This preview shows how black text looks on a background with the XYZ color 25.4667, 31.0866, 36.5564.

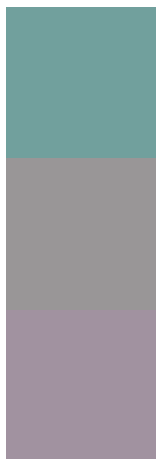


This preview shows how white text looks on a background with the XYZ color 25.4667, 31.0866,

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

25.4667, 31.0866, 36.5564

Protanopia

29.6291, 30.8194, 33.6653

Deuteranopia

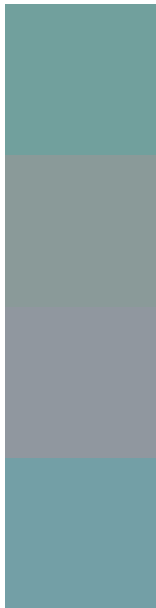
31.3220, 30.6729, 37.5273



Tritanopia

26.7800, 31.1070, 43.1209

Trichromacy



Original Color

25.4667, 31.0866, 36.5564

Protanomaly

27.7866, 30.8144, 34.6203

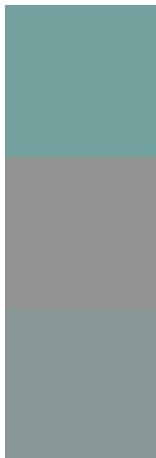
Deuteranomaly

28.8262, 30.5657, 37.1814

Tritanomaly

26.3513, 31.1943, 40.7086

Monochromacy



Original Color

25.4667, 31.0866, 36.5564

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.4031, 29.4036, 33.1380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4667, 31.0866, 36.5564 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, 160, 157)` looks like.

```
.text, #text, p{  
    color:rgb(113, 160, 157)  
}
```

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, 160, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 160, 157) }
```

Border

The CSS property to change the border of an element to XYZ 25.4667, 31.0866, 36.5564 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, 160, 157) }
```


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

```
.border{ border-color:rgb(113, 160, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 160, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 160, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 160, 157);  
box-shadow:4px 4px 4px 4px rgb(113, 160,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4667, 31.0866, 36.5564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 160, 157) }
```

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

```
.background{ background-color: rgb(113,  
160, 157) }
```

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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