

Converting Colors

XYZ(25.5594, 31.0766, 36.6948)

Have a look what the booklet for
XYZ(25.5594, 31.0766, 36.6948)
contains.

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Color

**XYZ(25.5960, 31.1533,
36.5624)**

Conversions

Conversions Part 1

Format	Color
Hex	72A09D
RGB	114, 160, 157
RGB Percent	45%, 63%, 62%
CMY	0.5529, 0.3725, 0.3843
CMYK	0.29, 0.00, 0.02, 0.37
HSL	176°, 19%, 54%
HSV	176°, 29%, 63%
XYZ	25.5960, 31.1533, 36.5624
YIQ	145.9040, -26.4530, -10.6850

Conversions

Conversions Part 2

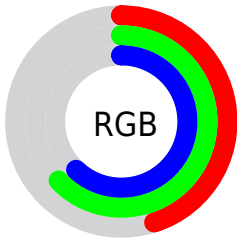
Format	Color
RYB	114, 138, 160
Decimal	7512221
CIELab	62.64, -16.07, -3.43
CIELCh	63, 16.429, 192.058
Yxy	31.1533, 0.2743, 0.3339
Android (android.graphics.Color)	4285702301 (0xFF72A09D)
YUV	145.9040, 5.4703, -27.9798
Hunter-Lab	55.8151, -15.8190, 0.2319

Details

The XYZ color **25.5960, 31.1533, 36.5624** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.7264, 20.7934, 19.5938**, and the grayscale version is **27.2690, 28.6891, 31.2425**.

A 20% lighter version of the original color is **51.9947, 61.5195, 70.7621**, and **10.0784, 12.8557, 15.5859** is the 20% darker color. If you saturate the color by 10%, you get **23.6056, 30.1383, 36.0065**, and if you desaturate by 10%, it is **27.9530, 32.3588, 37.1408**.

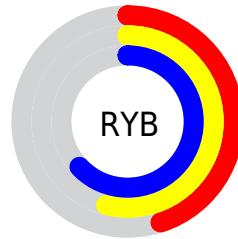
Distribution



Red (45%)

Green (63%)

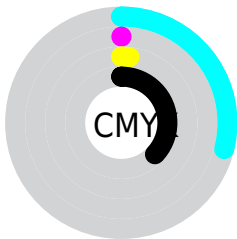
Blue (62%)



Red (45%)

Yellow (54%)

Blue (63%)

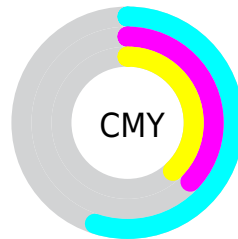


Cyan (29%)

Magenta (0%)

Yellow (2%)

Black (37%)



Cyan (55%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5960, 31.1533, 36.5624 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 25.5960, 31.1533, 36.5624 by changing the saturation by 10% instead.

■ 25.5960, 31.1533,
36.5624

■ 25.5960, 31.1533,
36.5624

273.0864,
307.2439, 346.5235

■ 16.6527, 20.7156,
24.5757

■ 52.0584, 61.4813,
71.0780

■ 10.0810, 12.9163,
15.5451

■ 70.3083, 82.1405,
94.4441

■ 5.5154, 7.3709,
9.0520

■ 92.3911, 106.9756,
122.4403

■ 2.5905, 3.6951,
4.6778

118.6722,
136.3710, 155.4853

■ 0.9411, 1.5045,
2.0041

149.5169,
170.7112, 193.9976

■ 0.0000, 0.2919,
0.5578

185.2906,

■ 0.0000, 0.0000,

210.3804, 238.3957

0.0000

226.3587,
255.7632, 289.0981

■ 25.5960, 31.1533,
36.5624

■ 25.5960, 31.1533,
36.5624

■ 23.6056, 30.1383,
36.0065

■ 27.9530, 32.3588,
37.1408

■ 21.9602, 29.3002,
35.4700

■ 30.6916, 33.7602,
37.7403

■ 20.6400, 28.6297,
34.9528

■ 33.8290, 35.3671,
38.3625

■ 19.6220, 28.1149,
34.4536

■ 37.3808, 37.1875,
39.0081

■ 18.8806, 27.7426,
33.9713

■ 41.3617, 39.2290,
39.6779

■ 18.3853, 27.4971,
33.5044

■ 45.7855, 41.4987,
40.3723

■ 18.0766, 27.3477,
33.0502

■ 50.6655, 44.0036,
41.0922

■ 18.0411, 27.3306,
32.9939

■ 56.0146, 46.7502,
41.8380

■ 60.7309, 49.1705,
42.5583

Harmonies

Analogous

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



25.7000, 31.1533, 30.2620



25.5960, 31.1533, 36.5624



26.5271, 31.1533, 42.8698

Triad

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



25.5960, 31.1533, 36.5624



32.5893, 31.1533, 43.9246



30.9566, 31.1533, 23.4896

Complementary

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



25.5960, 31.1533, 36.5624



23.7264, 20.7934, 19.5938

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.



32.9236, 31.1533, 26.3126



25.5960, 31.1533, 36.5624



33.8984, 31.1533, 37.8629

Square

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



25.5960, 31.1533, 36.5624



30.5189, 31.1533, 47.4653



34.0237, 31.1533, 31.4093



28.7199, 31.1533, 23.2341

Rectangle

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



25.5960, 31.1533, 36.5624



27.6382, 31.1533, 46.0221



34.0237, 31.1533, 31.4093



31.6740, 31.1533, 24.1515

Sweetspot

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



25.5969, 31.1546, 36.5631



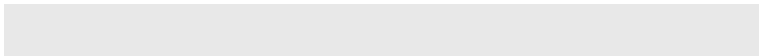
55.4999, 61.1811, 68.4759



22.9540, 30.1443, 20.5288



12.0136, 13.3369, 14.9845



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.



25.5969, 31.1546, 36.5631



43.9026, 55.2523, 65.6816



22.6733, 24.8921, 36.8687



6.8032, 7.5020, 8.3980



14.0594, 21.2917, 25.7337



0.2564, 0.3827, 0.4866

Inverse Universe

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



23.7264, 20.7934, 19.5938



39.8997, 33.0682, 29.3587



26.0514, 25.7213, 19.5118



6.6497, 6.6528, 7.0067



11.3442, 5.8422, 0.7974



0.2074, 0.1063, 0.0383

Previews

White Background



This preview shows how the XYZ color 25.5960, 31.1533, 36.5624 looks on a white background.

Color Contrast Check

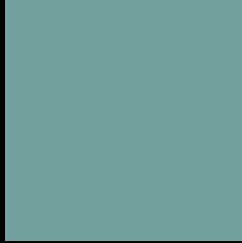
Large Text (above 18pt) WCAG AA × Fail

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 25.5960, 31.1533, 36.5624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

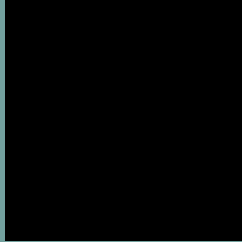
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.5960, 31.1533, 36.5624

Background



This preview shows how black text looks on a background with the XYZ color 25.5960, 31.1533, 36.5624.

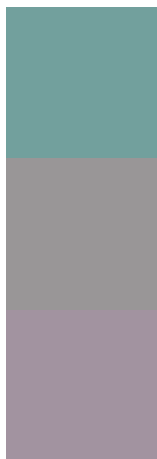


This preview shows how white text looks on a background with the XYZ color 25.5960, 31.1533,

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

25.5960, 31.1533, 36.5624

Protanopia

29.6291, 30.8194, 33.6653

Deuteranopia

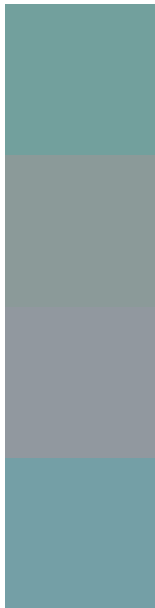
31.6792, 31.0869, 37.5884



Tritanopia

26.9137, 31.1759, 43.1271

Trichromacy



Original Color

25.5960, 31.1533, 36.5624

Protanomaly

27.9528, 30.9001, 34.6280

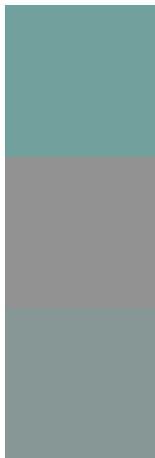
Deuteranomaly

29.1633, 30.9794, 37.2434

Tritanomaly

26.4835, 31.2625, 40.7148

Monochromacy



Original Color

25.5960, 31.1533, 36.5624

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 25.5960, 31.1533, 36.5624 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(114, 160, 157)` looks like.

```
.text, #text, p{  
    color:rgb(114, 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(114, 160, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 160, 157) }
```

Border

The CSS property to change the border of an element to XYZ 25.5960, 31.1533, 36.5624 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(114, 160, 157) }
```


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

```
.border{ border-color:rgb(114, 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(114, 160, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 160, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 160, 157);  
box-shadow:4px 4px 4px 4px rgb(114, 160,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5960, 31.1533, 36.5624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 160, 157) }
```

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

```
.background{ background-color: rgb(114,  
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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