

Converting Colors

XYZ(26.5591, 30.8025, 36.8866)

Have a look what the booklet for
XYZ(26.5591, 30.8025, 36.8866)
contains.

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Color

**XYZ(26.5407, 30.8676,
36.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9D9E
RGB	124, 157, 158
RGB Percent	49%, 62%, 62%
CMY	0.5137, 0.3843, 0.3804
CMYK	0.22, 0.01, 0.00, 0.38
HSL	182°, 15%, 55%
HSV	182°, 22%, 62%
XYZ	26.5407, 30.8676, 36.9070
YIQ	147.2470, -19.9890, -6.6850

Conversions

Conversions Part 2

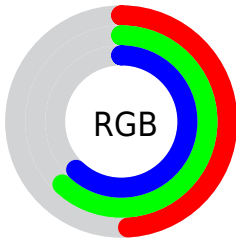
Format	Color
R_{YB}	124, 141, 158
Decimal	8166814
CIE _{Lab}	62.40, -11.10, -4.28
CIE _{LCh}	62, 11.901, 201.095
Yxy	30.8676, 0.2814, 0.3273
Android (android.graphics.Color)	4286356894 (0xFF7C9D9E)
YUV	147.2470, 5.3012, -20.3876
Hunter-Lab	55.5586, -11.9570, -0.4947

Details

The XYZ color **26.5407, 30.8676, 36.9070** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.0726, 23.3918, 22.2630**, and the grayscale version is **27.8207, 29.2696, 31.8745**.

A 20% lighter version of the original color is **53.6852, 61.2382, 71.9414**, and **10.6319, 12.8255, 15.8251** is the 20% darker color. If you saturate the color by 10%, you get **24.3597, 29.6278, 36.7831**, and if you desaturate by 10%, it is **29.0897, 32.2992, 37.0495**.

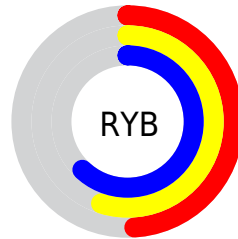
Distribution



Red (49%)

Green (62%)

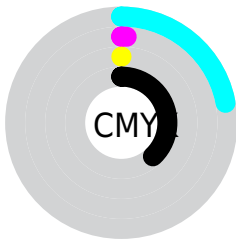
Blue (62%)



Red (49%)

Yellow (55%)

Blue (62%)

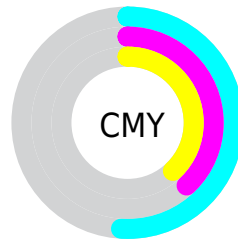


Cyan (22%)

Magenta (1%)

Yellow (0%)

Black (38%)



Cyan (51%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5407, 30.8676, 36.9070 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 26.5407, 30.8676, 36.9070 by changing the saturation by 10% instead.

■ 26.5407, 30.8676,
36.9070

■ 26.5407, 30.8676,
36.9070

277.6346,
305.9279, 348.0643

■ 17.3634, 20.4981,
24.8403

■ 53.5711, 61.0316,
71.6145

■ 10.5908, 12.7576,
15.7402

■ 72.1548, 81.5948,
95.0923

■ 5.8577, 7.2618,
9.1881

■ 94.6047, 106.3246,
123.2108

■ 2.7986, 3.6264,
4.7656

121.2862,
135.6056, 156.3887

■ 1.0481, 1.4668,
2.0541

152.5646,
169.8220, 195.0445

■ 0.0000, 0.2652,
0.5882

188.8052,

■ 0.0000, 0.0000,

209.3582, 239.5966

0.0000

230.3734,
254.5987, 290.4637

■ 26.5407, 30.8676,
36.9070

■ 26.5407, 30.8676,
36.9070

■ 24.3597, 29.6278,
36.7831

■ 29.0897, 32.2992,
37.0495

■ 22.5266, 28.5669,
36.6750

■ 32.0201, 33.9271,
37.2092

■ 21.0235, 27.6766,
36.5824

■ 35.3483, 35.7604,
37.3877

■ 19.8298, 26.9463,
36.5043

■ 39.0886, 37.8066,
37.5855

■ 18.9227, 26.3641,
36.4398

■ 43.2546, 40.0728,
37.8034

■ 18.2760, 25.9166,
36.3875

■ 47.8595, 42.5657,
38.0418

■ 17.8590, 25.5880,
36.3460

■ 52.9158, 45.2917,
38.3015

■ 17.6223, 25.3700,
36.3164

■ 58.4355, 48.2571,
38.5830

■ 60.1876, 49.2806,
38.6882

Harmonies

Analogous

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



26.3817, 30.8676, 32.2540



26.5407, 30.8676, 36.9070



27.4347, 30.8676, 41.0020

Triad

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



26.5407, 30.8676, 36.9070



31.8176, 30.8676, 39.4988



29.8212, 30.8676, 25.5799

Complementary

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



26.5407, 30.8676, 36.9070



25.0726, 23.3918, 22.2630

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.



31.3288, 30.8676, 27.1638



26.5407, 30.8676, 36.9070



32.5089, 30.8676, 35.0026

Square

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



26.5407, 30.8676, 36.9070



30.4686, 30.8676, 42.5911



32.3268, 30.8676, 30.5146



28.2372, 30.8676, 25.9888

Rectangle

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



26.5407, 30.8676, 36.9070



28.3458, 30.8676, 42.7271



32.3268, 30.8676, 30.5146



30.3545, 30.8676, 25.8912

Sweetspot

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



26.5416, 30.8689, 36.9077



55.6121, 60.2054, 67.4332



24.2137, 30.2090, 23.8126



12.4653, 13.5330, 15.1988



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.



26.5416, 30.8689, 36.9077



46.1405, 54.8903, 66.9065



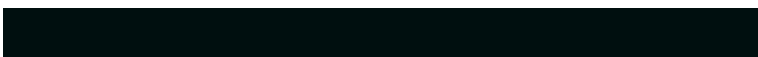
23.9259, 25.6374, 36.0358



6.8052, 7.4761, 8.4910



14.1187, 20.3289, 29.0870



0.2571, 0.3728, 0.5216

Inverse Universe

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



27.3947, 24.1194, 35.1113



47.9890, 40.3396, 62.9978



27.3479, 27.9423, 23.0214



6.8957, 6.7512, 8.3021



15.9247, 7.6744, 24.9180



0.2871, 0.1382, 0.4579

Previews

White Background



This preview shows how the XYZ color 26.5407, 30.8676, 36.9070 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 26.5407, 30.8676, 36.9070 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

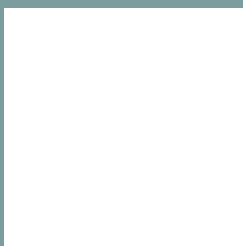
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5407, 30.8676, 36.9070

Background



This preview shows how black text looks on a background with the XYZ color 26.5407, 30.8676, 36.9070.

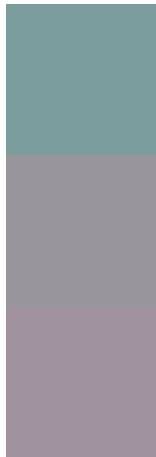


This preview shows how white text looks on a background with the XYZ color 26.5407, 30.8676,

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

26.5407, 30.8676, 36.9070

Protanopia

29.6880, 30.8212, 34.9562

Deuteranopia

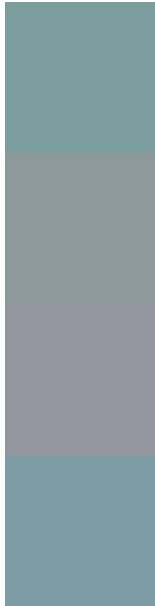
31.3220, 30.6729, 37.5273



Tritanopia

27.3934, 30.7055, 41.5287

Trichromacy



Original Color

26.5407, 30.8676, 36.9070

Protanomaly

28.4630, 30.8998, 35.4744

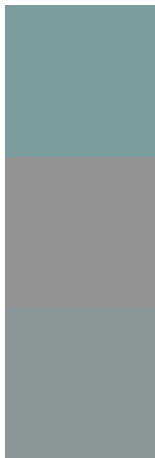
Deuteranomaly

29.3771, 30.6118, 37.1612

Tritanomaly

27.0468, 30.8172, 39.6448

Monochromacy



Original Color

26.5407, 30.8676, 36.9070

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.3000, 29.8566, 33.6022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5407, 30.8676, 36.9070 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(124, 157, 158)` looks like.

```
.text, #text, p{  
    color:rgb(124, 157, 158)  
}
```

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(124, 157, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 157, 158) }
```

Border

The CSS property to change the border of an element to XYZ 26.5407, 30.8676, 36.9070 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(124, 157, 158) }
```


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

```
.border{ border-color:rgb(124, 157, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 157, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 157, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 157, 158);  
box-shadow:4px 4px 4px 4px rgb(124, 157,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5407, 30.8676, 36.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 157, 158) }
```

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

```
.background{ background-color: rgb(124,  
157, 158) }
```

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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